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United States. National Park
Service.
Southwestern National
Monuments; monthly reports

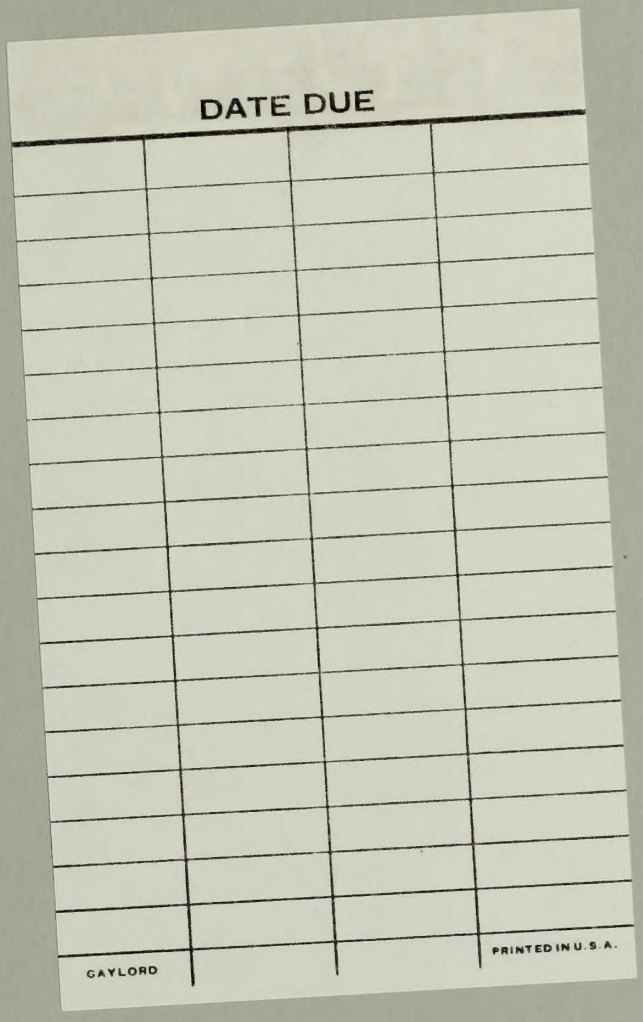
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Service.
Southwestern National
Monuments; monthly reports
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Arizona Archeological Center Library

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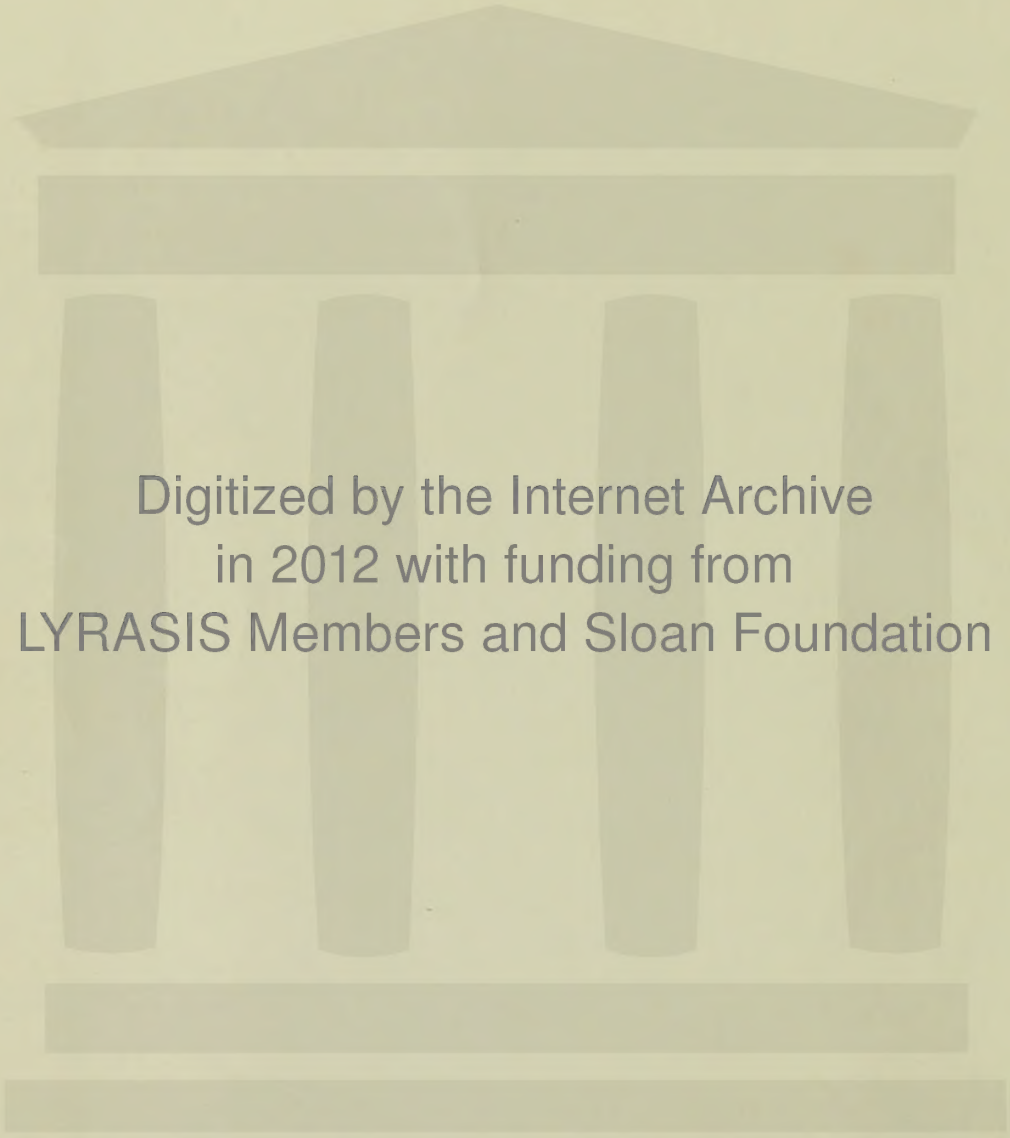
Only Arches is present for December



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UNITED STATES
DEPARTMENT OF THE INTERIOR
National Park Service
Region Three
Santa Fe, New Mexico

July '47

August 28, 1947.

Routing List Southwestern National Monuments Areas

	Name of Official	Date Received	Date Forwarded
Bandelier	Fred Simmons	Aug 30, 1947	Sept 2, 1947
Great Sand Dunes, Mosca, Colorado	Ted Lowes	9-6-47	9-8-47
Pinigoot	A Bichest	9-11-47	9-12-47
Montezuma Castle	J. Hastings	9-15-47	9-17-47
Canyon de Chelly	M Gullet	9/21/47	9/24/47
El Morro	B Wilson	9-26-47	9-27-47
Aztec Ruins	[illegible]	10/1/47	10/1/47
Chaco Canyon	[illegible]	10-1-47	10/2/47
Capulin Mountain	[illegible]	10/6-47	10/8-47
Gran Quivira	[illegible]	10-10-47	10-11-47
Arches	RLM	10/15/47	10/17/47
Region Three Office- Wm. King			

Arizona Archeological Center Library

9250

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
REGION THREE
SANTA FE, NEW MEXICO

August 27, 1947.

MEMORANDUM for the Regional Director, Region Three.

Following is a narrative report for naturalists of the Southwestern National Monuments for the month of July 1947.

Staff Activities -- General

Naturalist Dale S. King, during July 1-3, visited Great Sand Dunes and Capulin Mountain National Mountains in company with Assistant Regional Director John M. Davis. He spent July 25-27 at Bandelier, and July 28-30 at Chaco Canyon National Monument. The remainder of the month was spent at the Region Three Office.

Archeologist Charlie R. Steen was in the field at the beginning of the month. He visited the Point-of-Pines camp of the University of Arizona, on his return from Tumacacori National Monument. Later in the month he traveled to Bandelier, Chaco Canyon, Wupatki, and Walnut Canyon in connection with stabilization projects. Three days were spent at the Sixth Annual Archeological Field Session at Chaco Canyon. The balance of the month was occupied at Santa Fe principally on stabilization planning and reports, with some work on the photographic files.

Naturalist Maurice Sullivan left Santa Fe on July 9 on annual leave to bring his family from Bar Harbor, Maine, to Santa Fe.

Administration -- Interpretation

The usual reports and 45 letters were written.

Memoranda were sent to three field areas outlining possible revisions of 16-page booklets. It is hoped, however, that funds allotted to these projects may be used to prepare more urgently needed two- and three-fold leaflets. Interpretive and scientific forms for the fiscal year were ordered through the Chief Clerk.

Public Relations and Extension Services

Information was furnished to the editor of Minicam Photography concerning the location of major cliff dwellings and pueblos in the Southwest. This magazine plans an article designed to give information to photographers visiting the region.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REGION THREE

SANTA FE, NEW MEXICO

August 27, 1947.

MEMORANDUM for the Regional Director, Region Three.

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Staff Activities -- General

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Archeologist Charles B. Steen was in the field at the beginning of the month. He visited the Point-of-Pines camp of the University of Arizona, but was reburn from Tumacacori National Monument. Later in the month he traveled to Pendelton, Chaco Canyon, Tupatki, and Walnut Canyon in connection with establishation projects. Three days were spent at the Sixth Annual Archeological Field Session at Chaco Canyon. The balance of the month was occupied at Santa Fe principally on establishation planning and reports, with some work on the photographic files.

Naturalist Maurice Sullivan left Santa Fe on July 9 on annual leave to bring his family from Bar Harbor, Maine, to Santa Fe.

Administration -- Interpretation

The usual reports and 65 letters were written.

Memoranda were sent to three field areas outlining possible revisions of 18-page booklets. It is hoped, however, that funds allotted to these projects may be used to procure more urgently needed two- and three-fold leaflets. Interpretive and explanatory forms for the fiscal year were ordered through the Chief Clerk.

Public Relations and Extension Services

Information was furnished to the editor of Pictures Photography concerning the location of major cliff dwellings and pueblos in the Southwest. This magazine plans an article designed to give information to photographers visiting the region.

Research and Observation

Various monuments were furnished supplies of the newly printed observation file card which is a part of the fact files of field areas.

Further correspondence included an attempt to obtain some type of supersonic equipment to discourage bats from roosting in historic and prehistoric structures.

Region Three Office Loan Library

Accessions for the month were 13 books, 29 pamphlets, and 126 periodicals—a total of 168.

Mr. Sullivan ordered several geological and biological publications, and Steen accomplished some work on the photograph files.

Received during May, and bound in July, were two photostatic copies of the Holsinger historical report on Chaco Canyon. One copy was sent to Chaco Canyon and the other retained in the library. Another important accession during July was a list of missionaries stationed at Tumacacori, abstracted from church records by Father Victor R. Stoner of Tucson. This information which is contained in chart form is extremely interesting and will be redrawn and duplicated for distribution.

Southwestern National Monuments Association

The forthcoming publication, "Poisonous Dwellers of the Desert," by Natt N. Dodge, is progressing nicely. A cover sketch was prepared by Raymond Lovelady, and galley proof read and returned on July 18. It is hoped copies of the booklet may be received late in August or early in September.

Complete payment was made during the month for the tract of land near Aztec Ruins National Monument which will be donated to the United States Government.

No action was taken on a proposed booklet for White Sands pending receipt of information from the author, formerly with the National Park Service, who apparently is negotiating for funds to publish the booklet privately.

During the month of July, Treasurer Allen Vedder worked 19 days, an increase of five days over the previous month. This was caused by the additional book work due to the ending of the fiscal year on June 30. A greater part of his time was spent in posting from turn-ins from the monuments—not only in the inventory books but also the inventory in sales records kept at headquarters. Next year it will not be necessary to keep these letter records which were necessary when the Treasurer worked in a separate office. Much time was also spent in making out the elaborate record of inventory which goes in the annual report. The Treasurer is handling most of the mail now for the association. During July, 183 covers were mailed, including 25 letters, and 38 purchase orders. One

Summary and Conclusions

Various assessments were discussed, including the [illegible] [illegible]
[illegible] [illegible] [illegible] [

deposit of 23 items were made, and one disbursement of 20 checks. Considerable time was required by such work as counting 2,000 cards and stamping them for Grand Canyon, paying bills, and sorting business reply file cards received from the field.

Visitors

The office was visited by Drs. Ruth Underhill, H. P. Mera, and Fred Eggan; Custodian Binnewies; and Rangers Tom Onstots of Bandelier and Sam Houston of Death Valley.

Unusual Activities — Conference

Messrs. King and Steen attended the Sixth Annual Archeological Conference at Chaco Canyon July 28 through 30, in company with Regional Archeologist Erik K. Reed and Senior Archeologist Jesse L. Nusbaum. The conference was worthwhile, and particular notice was taken of the need for intimate integration between ethnology and archeology, and the need for good interpretation. The meeting unanimously passed a resolution warning against the abolition or weakening of the Act for the Preservation of American Antiquities. This resolution will be circularized to members of Congress, conservation organizations, scientific associations, etc.

Ruins Stabilization

A rough draft was prepared for the Regional Director's annual report. This contained major reference to ruins stabilization activities in the Southwestern National Monuments. Steen spent considerable time planning preservation activities for Fiscal Year 1948.

Projects for Ensuing Month

King will be in the office probably most of the month.

Steen will start stabilization work at Bandelier about the middle of the month, and then will visit Tumacacori, Casa Grande, and Tonto, inspecting and supervising similar activities. He will make plans for the large stabilization project at Casa Grande to be instituted this winter.

Sullivan will be on annual leave probably most of the month, staying in the office for the remainder of the period.

Dale S. King,
Naturalist.

Approved for distribution John M. Davis, Assistant Regional Director, 8-28-47 (date).

cc: Mr. Davis.
Mr. Dodge.
Per Monument circulation (2).

Dear Sir,

Yours faithfully,

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Arches NATIONAL MONUMENT

Moab, Utah

July 29, 1947

MEMORANDUM for the Regional Director, Region Three:

The following is a narrative report for Arches National Monument for the month of July, 1947:

GENERAL: Travel has been excellent during the month despite rough roads and with the recent publicity received in National Geographic, I believe we can look forward to increased travel for the balance of the year.

The custodian was absent on annual leave from July 22nd to 27th at Salt Lake City, Utah. While there improvements were made on the Grand County Centennial exhibit and contact was made with Commissioner Howells of the State Department of Publicity and Industrial Development regarding funds for improvement of Arches roads. The Service exhibit was visited and it was noted that the pictures on exhibit had been tinted, making a great improvement in the display.

WEATHER: The temperature has been extremely high most of the month with little relief from rains. During the latter part of the month the official reading at Moab showed a maximum of 103 degrees during the day. Very light showers occured on one or two occasions.

SPECIAL ACTIVITIES: An inspection was made at Natural Bridges National Monument on July 12th and 13th. The area was found to be in good shape and travel on the increase. The trails are in fair shape but will need some work next month.

TRAVEL: Travel for the month practically doubled that of July 1946 with 193 cars and 611 people as compared with 107 cars and 323 people last year. This brings our travel year to date to 2710 people. If travel continues at the present rate the 1947 travel year should surpass 1941, Arches biggest year, when 3786 people visited the area. This month's travel showed 32 states, District of Columbia and Canada represented.

The Utah Wonderland Tours party returned to Arches on June 28th and were accompanied into the Windows section where several shots were taken by the Life photographer. Dr. Williams of Moab accompanied the party and was made the

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL MONUMENT

Moab, Utah

July 25,

for the Regional Director, Region Three:

The following is a narrative report for Arches National Monument for the month of July, 1947:

[illegible]: Travel has been excellent during the month despite rough roads and [illegible] the recent publicity received in National Geographic. I believe we can look forward to increased travel for the balance of the year.

The entodian was absent on annual leave from July 22nd to 27th in Salt Lake City, Utah. While there [illegible] were made on the Grand County Commercial exhibit and contact was made with Commissioner Donella of the State Department of Publicity and Industrial Development regarding funds for improvement of Arches roads. The service exhibit was visited and it was noted that the [illegible] on exhibit had been stolen, making a great improvement in the display.

WEATHER: The temperature has been extremely high most of the month with little relief from rains. During the latter part of the month the official reading at Moab showed a maximum of 103 degrees during the day. Very little showers occurred on one or two occasions.

GENERAL ACTIVITIES: An inspection was made at Natural Bridges National Monument on July 15th and 16th. The area was found to be in good shape and trails on the increase. The trails are in fair shape but will need some work next month.

VISITORS: Travel for the month practically doubled that of July 1946 with 703 cars and 61 people as compared with 307 cars and 302 people last year. This brings our travel year to date to 2710 people. If travel continues at the present rate the 1947 travel year should surpass 1941, Arches highest year, when 3702 people visited the area. This month's travel showed 22 states, District of Columbia and Canada represented.

The Utah Numismatic Coins party returned to Arches on June 27th and were accompanied into the window section where several shots were taken by the Life photographer. Dr. William of Moab accompanied the party and was made the

subject of several shots.

INTERPRETIVE SERVICES: Visitor contact has increased steadily during this travel year with many visitors stopping at headquarters for information regarding the outlying sections of the area. Sixty eight parties containing 194 people were contacted at headquarters, 44 parties of 170 people were contacted in the Windows section and 441 people visited the Windows section unattended. Three caravans of 18 people were accompanied to outlying sections and 9 parties of 58 people were taken on guided trips into the Windows and Devil's Garden sections.

ROADS: The Windows road was in poor condition practically all month. The storms of June 20th and 21st washed it badly and it was July 22nd and 23rd before the State maintenance crew could grade and repair same due to the fact that they are kept busy on repairs to the highways, which seem to be deteriorating rapidly. At this writing the road is passable but soft in spots due to lack of moisture.

Grand County maintenance crews spent two days on the Salt Valley road with their equipment and it is in good condition as far as the Devil's Garden. No trips have been made to Delicate Arch as I have been afraid that the old pickup would not stand such a strenuous trip.

MAINTENANCE: A desert cooler was constructed using a 34" fan recently received from War Surplus. This was installed at quarters but does not work as efficiently as the two smaller coolers used during previous years. More experimenting will be necessary. A small cooler was constructed and installed at the office.

Windows were placed in the pump and light plant room for better circulation of air during hot weather.

Drinking fountains were installed at the Windows parking area and at the office.

The 3 KW power unit received from War Surplus was temporarily installed at quarters and is functioning OK.

N. P. S. VISITORS: Mr. Davis, Mr. King and Dr. Mera of Santa Fe visited the area on June 28th and 29th. They were accompanied on a trip to the Windows section and Deadhorse Point. They left on June 30th for Great Sand Dunes.

NEWSWORTHY VISITORS: A group of students and professors from Weber College, Ogden, Utah visited the area on July 4th. The party was in charge of Walter R. Buss, who I believe used to be a Ranger-Naturalist at Zion and Bryce Canyon.

PUBLICITY: The June issue of Utah Magazine contained an excellent write-up and pictures on Arches. This is the result of the expedition made into the area by

Page 2, Arabian Nights, July, 1947

subject of several clubs.

INSPECTION SERVICES: Visiting inspectors have increased rapidly during this period with many visitors coming at the request of businessmen for information regarding the outlying sections of the area. Sixty eight parties containing 194 people were conducted at Independence, 64 parties of 171 people were conducted in the Milagro section and 41 people visited the Wilkes section unattended. There curtains of 19 people were accompanied to outlying sections and 9 parties of 29 people were taken on guided trips into the Wilkes and Dodd's Bowles sections.

PUBLIC: The Library remained in poor condition practically all month. The failure of Jan. 25th and 31st wrecked it badly and it was July 22nd and 23rd before the Book restoration crew could get there and begin work on the floor that they are both busy on repairs to the Library. Total hours to be determining factor. It will take working the rest to pass this work in after the last of this year.

Grand Jurors and witnesses were issued bus slips on the Salt Valley road with their mileage and it is the usual condition to log as the Devil's Canyon. No trips have been made to Delicate Arch as I have been afraid that the old plenty would not stand such a strenuous trip.

RECREATION: A heavy snow was encountered along a 12" fire recently reported from the Taylor. This was installed at quarters but dead and were as difficult as the two smaller sections used during prior four years. Many experiencing well is necessary. A small section was constructed and inspected at the office.

Windows were closed in the pump and light plant room for better circulation of air during hot weather.

Parking facilities were installed at the Windows parking area and at the office.

The 3 KW power unit received from Mar Surplus was temporarily installed at quarters and is functioning OK.

M. Jr. S. Scouts, Mr. Davis, Mr. Eldg and Jr. Dion of Scouts to visited the Cave on June 23rd and 24th. They were accompanied on a trip to the Window sections and Devil's Arch. They left at once 10th for their Grand Rivers.

PUBLIC VISITORS: A group of students and professors from Notre Dallas, Texas, visited the area on July 6th. The party was in charge of Mathematics. Mrs. who I believe used to be a Morgan-Stanley at Elko and Reno.

CONCLUSION: The Park Issue of Park Naturalist continued to circulate without and plaudits on Arches. This is the result of the cooperation with the area by

Dr. D. Elden Beck and other professors from the Brigham Young Young University of Provo, Utah during April.

The August issue of National Geographic contained Jack Breed's pictures and article on Arches. Requests have already been received from people who have seen the article and pictures for information on the area. This is excellent publicity and should boost our travel considerably.

Representatives of Graphic Pictures of Los Angeles, California visited the area on July 11th and shot colored movies and 4 x 5 black and white of features in the Windows section.

Dr. Gilbert Luesinghesner of Midland College, Fremont, Nebraska, with party of 3 people, visited the area on July17th and 18th taking educational movies of the monument. They were shown the Windows and Devil's Garden sections.

PUBLICATIONS: The following free publications are on hand:

Arches Mimeographed Leaflets		900
Natural Bridges	do	400
Glimpses of our N. P.		96
N. P. Location Map	No. 5	3
do	No. 6	611
Folders		4

Russell L. Mahan

Russell L. Mahan
Custodian

(in trip)

Page 3, Arsine "ers. Pgs., July, 1917".

Dr. D. Tilden Book and other professors from the Virginia Young Women Universal of Irvine, Utah during April.

The Import Items of National Geographic contained Jack Breed's pictures and articles on Arabia. Negroids have already been received from people who have sent in articles and pictures for inclusion on the area. This is excellent publicity and should bring our usual remuneration.

Representatives of Graphic Pictures of Los Angeles, California visited the area on July 11th and shot colored movies and 4 x 5 black and white of Pictures in the Indians ceremonies.

Dr. Clifford Investigator of Hilland College, Fremont, Nebraska, with party of 3 people, visited the area on July 11th taking colored and movies of the monument. They were given the Windows and Devil's Garden route.

Purchases: The following item publications are on hand:

Arsine Topography of Localities		200
Natural Bridges	do	400
Glimpses of our N. P.		80
N. P. Location Map No. 3		2
do	No. 4	611
Navy Folders		4

Russell K. Nelson
Custodian

(in duty)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
AZTEC RUINS NATIONAL MONUMENT
AZTEC, NEW MEXICO

24 July 1947

MEMORANDUM for the Regional Director,
Region Three, National Park Service.

There follows the report of activities in Aztec Ruins for July 1947.

WEATHER. Generally very good weather has prevailed and tourist travel has increased correspondingly. A high temperature reading of 95 was reached with lows in the upper 50 bracket.

MAINTENANCE: The drainage ditch has been flushed and continues to perform properly. So far this summer there has been less trouble with seepage water within the lower ruins' structures than at anytime during the past 3 years.

VISITORS. Mr. A. vanV. Dunn, NPS, Chicago; Mr. H. R. Shepherd and Family, Colorado Fish and Game Dept(former Park Ranger Zion-Bryce); Mr. Bob Holmes and the Explorers Camp(Ansel Hall Mesa Verde)with 14 boys; Mr. J. Howie with 20 boys of the Prairie Trek; Dr. Paul Reiter and 58 students from the University New Mexico Field School; Miss Bertha Dutton, archeologist, with 18 Girl Scouts; Dr. E. Smith, Dept. Anthropology, Univ. Utah.; Mrs. Josephine Stanley, Chief Occupational Therapeutist, USVA, Fort Lyon, Colo. Mr. Claude W. Pyle with 11 Boys Scouts from Sidell, Ill.; Mr. and Mrs. H. L. Winfield, State Senator, Ft. Stockton, Texas with Mr. and Mrs. J. M. Harris, Austin, Texas. Mr. Winfield aided in the creation of Big Bend National Park. Messrs. A.A. Look, Byron Patterson, James Quinn from the Chicago Museum of Natural History, Paleontology Dept.

SPECIAL ACTIVITIES. The Custodian visited Colorado National Monument and the Black Cannyon of the Gunnison.

On 18 July the Custodian visited Mr. Richard Evans regarding the loan of a mummy which is now housed at Shiprock, N.M. at the residence of Mr. Evans.

INTERPRETIVE SERVICES. There were 1615 visitors in 273 trips shown the ruins and 2460 visitors in 347 trips conducted thru the museum.

INCREASE IN TRAVEL. There was a 25% increase in travel over last year, with 2460 visitors in 700 cars from 43 states, Wash. D.C., Bermuda, Italy, Sweden and the Dutch East Indies.

PUBLICATION REPORT.

16 page pamphlet, on hand ---------- 979
Free, 2-fold informational leaflet, on hand ---------- 200

Irving D. Townsend,
Custodian

AZTEC

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

AZTEC RUINS NATIONAL MONUMENT

AZTEC, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

July 28, 1947.

MEMORANDUM for the Regional Director, Region Three.

There follows a report of the activities at Bandelier National Monument for the month of July, 1947.

Weather and Roads

Weather has continued hot and dry during July with a maximum temperature of 102° recorded on July 12. The 0.96 inches precipitation which fell during the month quickly evaporated. The fire danger has been lower this month as a whole than during June, however, as a result of decreased winds. The fire danger approached extreme on a few days but measured moderate to high most of the time.

The approach road has been dry and somewhat rough. Maintenance with our light grader has been a difficult and arduous task but has at least prevented the road from falling into the disrepair of yesteryear. Complaints about roads and road conditions are fewer than in previous years.

The award of the work of seal coating the oil surfaced road leading into the "Canyon" has been approved by the Director. It is expected that work will begin very soon.

Personnel

Fred W. Binnewies has been appointed Custodian of Bandelier National Monument vice Chester A. Thomas. Mr. Binnewies reported July 23 from Mammoth Cave where he was chief ranger. "Art" is to leave August 1 for Zion National Park where he will be assistant superintendent.

Laborers Duran and Quintana were terminated during July and replaced by Tafoya and Roybal. Most of the per diem employees are being released August 1 due to shortage of funds.

Clerk Bean spent part of the month in the fiscal and personnel section of the Region Three Office.

Maintenance

The Diesel light plant failed us completely and has been removed by engineers at Los Alamos for overhaul and repair. The plant furnished

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

us by them as temporary replacement is not yet operating and the small standby gasoline plant is not quite able to carry the load during periods of heavy use. Preliminary work toward building the new powerhouse was begun this month by Region Three personnel. Construction of a place to house reserve light plants will help solve our serious power problem.

Routine cleanup, garbage disposal, maintenance of equipment occupied a proportionately larger amount of the maintenance man's time as travel has increased almost half again over that of a year ago and campground use has increased almost three times that of July, 1946. Some time was spent in temporarily installing the sprayer on the truck for use in spraying trees in the canyon.

An agreement has been reached that henceforth the Lodge will be responsible for its own garbage disposal and minor maintenance. This relieves us of a great nuisance and time consumer.

Cooperation With Other Agencies

The Forest Service and Park Service are now negotiating with The Mountain States Telephone Company to construct a telephone line for joint use by Bandelier and the Forest Service. The Atomic Energy Commission at Los Alamos has notified the Forest Service that the present line through Los Alamos must be removed this year and the Espanola Telephone Company plans to install a dial system which would render our grounded circuit lines ineffectual. It is hoped that we will be able to tie into the Mountain States line at the Otowi Section and thus obtain direct connections with Santa Fe. Progress reports are being forwarded to Region Three as negotiations proceed.

The Forest Service requested our help on the 5th of July to suppress a fire northwest of the San Miguel Lookout. A crew of 4 men sent from here helped them bring the fire under control early the next morning.

Lodge

Mr. Carl Henderson of the New Mexico Public Health Service inspected the kitchen and dining room of the Lodge July 2. The sanitary condition of the above were pronounced satisfactory and steps are being taken to follow suggestions made by Mr. Henderson for improvement of the facilities.

The increased travel in July has resulted in an increase in both over-night guests and dining room customers; there were almost twice as many overnight lodgings as during July of 1946. This is a gratifying contrast to the poor June business reported by the Lodge.

Travel

The travel increase for this July over July of 1946 is 46% with

increased uses of the campground of 287%. Frijoles Canyon Lodge reported an increase in 68% of overnight lodgings over July 1946.

Interpretation

With the increase in travel, the interpretive contacts showed some increase in per cent. Through the ruins the percentage of visitors increased from 48% in July 1946 to 51% this year and the number of parties grew from 149 to 216. The average time of ruins trips increased 15 minutes to almost 80 minutes each.

The attendance at evening lecture programs was gratifying as 719 people turned out for 23 programs of 1 to 5 talks each. Slides and film were used to great advantage in this program as 21 talks were centered around films and 14 were accompanied by slides. 10 talks were given with no aids other than occasional chalk or mechanical aids.

Visitors

Official visitors from the Region Three Office during July were Ratcliff, James, and Carbon working with the insect infestation of Frijoles Canyon; Bennett and Bradley concerned with the new powerhouse; Davis on administrative problems; Steen working on stabilization of the ruins; and Dodge and King on interpretive matters.

Dr. Gretz, noted geologist and collaborator with the Service, visited us on July 27, 1947. Flight Lt. Clauson Kaas from Denmark visited us to gather information for lectures and articles for his homeland.

July visitors from foreign countries included those from The Hague, Holland; Paris, France; Belfast, Ireland; Birkdale and London, England; Maracaibo, Venezuela; Copenhagen, Denmark; Santiago, Chile; and Austria.

Protection

The Upper Crossing area was patrolled twice during the month. The trail to the Upper Crossing is in fair condition. A decrease in picnicking and fishing at the Upper Crossing was noted during the latter part of the month. The Stowi Section, Turkey Springs Area, Capulin Canyon, and the upper monument area were patrolled once each during the month.

Shade trees in the headquarters area--alder, box elder, cottonwood--were sprayed with a lead arsenate spray on July 21 and 22 in an effort to combat the alder flea beetle and the leaf rollers which were attacking the box elders, and to forestall the work of the tent caterpillars on the cottonwoods. A solution composed of 4 pounds of lead arsenate to

each 100 gallons of water was used. 4 ounces blood albumen spreader was used in each batch.

All government residences, garbage cans, and garbage disposal cans in the campground were sprayed with a DDT solution in an effort to prevent flies and insects.

Constant alertness is being kept in our fire protection program but up to this date the monument has escaped any serious lightning storms and there have been no man-made fires.

In accordance with the Director's instructions a monthly inspection was made at the Lodge for fire hazards. The result of this inspection was satisfactory.

Wildlife seen on the area during July include bear, fox, mountain lion, rattlesnakes, and the ever-numerous mule deer. Several does with fawns have been seen near the headquarters area in recent weeks.

Free Publications on Hand as of July 27, 1947

Glimpses of Our National Parks	244
Map, Location (Southwestern)	790
Map, Old Southwestern Monuments	200
Monumento Nacional de Bandelier	4215
Sixteen-page Bandelier Booklets	900
Two-fold Bandelier Leaflets (Old)	850
Two-fold Bandelier Leaflets (New)	17500

Chester A. Thomas,
Custodian.

Chapter I. Title. 1
Introduction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL MONUMENT
CANYON DE CHELLY NATIONAL MONUMENT
CHINLE, ARIZONA

July 25, 1947

MEMORANDUM for the Regional Director, Region three.

The following is a report of activities at Canyon de Chelly National Monument during the month of July, 1947.

Weather Conditions

The hottest day to date was registered on July 13 when the mercury reached 98 degrees. Weather has been different than normal. Days have been sultry and although some moisture has fallen in surrounding areas, we have only received .57 of an inch which is a total for four showers.

This has made travel in the canyons difficult even for the special car operated by Thunderbird ranch. Some early peaches have come out of the canyons and in spite of the dry weather, Navajo corn fields look good. Our minimum temperature for the month was 57 degrees.

Administration

Considerable time was spent by the custodian in going over the filing system and bringing it up to date. The semi-annual inventory of equipment was completed. All required reports were made and submitted.

One trip was made to Gallup New Mexico on July 8, I went via Window Rock, Arizona where I met With Chief Forester Carl Rawie on matters concerning fire suppression. This was the opening day of Tribal Council and I spent some time there.

Maintenance

The complete redecoration of the interior of the Custodian's residence was completed during the month and linoleum was layed on the Kitchen floor. Plaster repair was made to the west upper side of quarters. The Campsite at the old quarrie was completely cleaned and the headquarters camp ground in the cottonwoods was enlarged and one fireplace completed. Roads were graded to White house with the dump truck and drag. Two patrol trips were made to Mummy cave and beyond and others were made to Canyon de Chelly area above the Monuments, and to the peninsular area between Monument and de Chelly Canyons.

Signs were refinished and new ones made to replace those in the Kayenta and dinne hotso regions.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL MONUMENT

CANYON DE CHELLY NATIONAL MONUMENT
CHINLE, ARIZONA

July 25, 1947

MONTHLY REPORT for the Regional Director, Section three.

The following is a report of activities at Canyon de Chelly National Monument during the month of July, 1947.

Weather Conditions

The hottest day to date was registered on July 18 when the mercury reached 98 degrees. Weather has been different than normal. Rains have been mighty and although some moisture has fallen in surrounding areas, we have only received .37 of an inch which is a total for four showers.

This has made travel in the canyons difficult even for the special car operated by Thunderbird ranch. Some early peaches have come out of the canyons and in spite of the dry weather, Navajo corn fields look good. Our minimum temperature for the month was 57 degrees.

Administration

Considerable time was spent by the custodian in going over the filing system and bringing it up to date. The semi-annual inventory of equipment was completed. All required reports were made and submitted.

One trip was made to Gallup New Mexico on July 8. I went via Window Rock, Arizona where I met with Chief Forester Carl Mathe on matters concerning fire suppression. This was the opening day of Tribal Council and I spent some time there.

Maintenance

The complete redecoration of the interior of the Custodian's residence was completed during the month and linoleum was layed on the kitchen floor. Plaster repair was made to the west upper side of quarters. The campsite at the old quarrie was completely cleaned and the headquarters camp ground in the cottonwoods was enlarged and one fireplace completed. Limbs were pruned to White Horse with the dump truck and drag. Two patrol trips were made to Many Cave and beyond and others were made to Canyon de Chelly area above the Cemeteries, and to the perimeter area between Monument and de Chelly Canyons.

Signs were refinished and new ones made to replace those in the Canyons and three horse regions.

Travel

Travel records show that this has been the top figure for any month of July on record. A total of 521 visitors were recorded. The new signs placed at the turn-off at Chambers Arizona may have had some influence in guiding visitors this way. Road conditions have been as bad as they have been for several years otherwise we might have had a great deal more travel.

Interpretive Services

Two men have been kept busy with guide and contact work for almost all of the past month. A total of 173 hours and a half were spent in conducting 393 people to the White house and Spider Rock area. 107 visitors comprised mostly of those coming into the monument via Sawmill and stopping at the overlooks on the way in received orientation and interpretive talks at Headquarters: Also those who take the Thunderbird ranch trips into the canyon are given interpretational talks generally on their return. Only 14 known visitors did not receive information.

The inauguration of Campfire talks to overnight Campers when in sufficient numbers to make it worth while was started last month with one lecture to a group of 54 girl scouts and two more were given during July. One was given to the Boy Scout Archeological Expedition and the other to the Prairie Trek expedition out of St.Louis.

Visitors

Fremont Ellis and Lea Megargee, artists of note. Irene Rich of Movie and Radio fame and her daughter Frances. Dr Ferdon and Jack Stolts with the Boy Scout Archeological expedition. Two groups of Boys explorers from Ansel Hall's Camp among whom was Jon Lindberg, son of Col. Charles A. Lindberg. Mr. and Mrs. L.A. Huston of the Los Angeles City Museum, Esther Henderson and Chuck Abbot, Photographers of note, Miss Marron Glenby, Artist and Model(American Magazine-January 1947), and last, Commander Scott and Family of Sunday morning radio fame(Mutual B.System, Greyhound lines)

Protection, Fire

One class B fire was reported in the peninsular area above Black Rock. On arrival the custodian found the fire had been put out by Wade Davis, the Indian Service Smoke Chaser and had burned .01 acre.

Insect Infestation

The Cottonwood leaf beetle is attacking the cottonwood grove in the old channel and has done considerable damage. Control measures will be taken as soon as funds and equipment are available.

Travel

Travel records show that this has been the top figure for any month of July on record. A total of 2?? visitors were recorded. The new signs placed at the turn-off at Heathcote Corners may have had some influence in producing visitors like this. Road conditions have been as bad as they have been for several years otherwise we might have had a great deal more travel.

Interesting Services

Two more have been kept busy with cycle and cockpit work for almost all of the past month. A total of ??? hours and a half were spent in conducting ??? people in the Wild Rose and Fiddler Lake area. The visitors enquired mostly of those coming into the Summit via the Gravel and stopping at the overlooks on the way in regard information and interpretive talks at Headquarters. Six times who take the Interpretive train to the canyon are given interpretive talks personally on their return. Only ?? times visitors did not receive information.

The inauguration of campfire talks to overnight campers when in sufficient numbers to make it worth while was started last month with one lecture to a group of ?? girl scouts and boy scouts were given during July. One was given to the Boy Scouts Ornithological Expedition and the other to the Prairie Trek organization out of Edmonton.

History

Pioneer life and Ian Campbell, writers of note. Irene Rich of movie and Radio fame and Lar Daly for lectures. Dr Parker and Rudie met the Boy Scout Ornithological expedition. Two groups of Boy Scouts from Camp Gill's Camp stood watch for Bishop, son of Col. Charles K. Bishop. Dr. and Mrs. L.A. Thorpe of the Los Angeles City Museum, Arthur Woodcock and Lloyd Gibbs, Professors of note, Miss Berry Chaney, artist and author, Mr. Hamilton Mackie-Gourley Hall, and last, November Booth and Family of County Weekly radio fame, Uncle Ebenezer, Greyhound Line.

Protection, Fire

One class 3 fire was reported in the peripheral area along Bleak Lake. On arrival the overseer found the fire had been put out by Lake Patrolman Gordon Thorpe and Lad Dorval. ?? acre.

Visual Defacation

The Centennial Leaf Rustle is attached. The estimated area in the old clearcut may be done controllable change. Control measures will be taken as soon as funds and equipment are available.

General

A great deal of activity has started in the Chinle area with the purchase of oil leases by Standolind in the Black Mountain area. This Activity seems to spread over the whole four corners region. A preliminary survey is being made for a pipe line across the reservation leading from the Barker dome north of Aztec, New Mexico to San Francisco. The Aperado Oil Company at present has a large crew of men making tests. And drilling is about to start at Black Mountain.

A resolution was adopted at the Tribal Council to put a two percent sales tax on the trading stores which will be turned back to tribal funds. price control measures were also proposed.

Government Publications on hand

Two fold Info. Leaflets, Canyon de Chelly	0
Maps, Location, No.6	550
Maps, Folders, SWNM	100
(Found Stored, Not previously reported	75
Glimpses of our National Parks	35
Information, N.P.S. System. 1944	2

Meredith M. Guillot
Custodian

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
SOUTHWESTERN NATIONAL MONUMENTS

~~COOLIDGE, ARIZONA~~
Capulin, N. M.

ADDRESS REPLY TO
THE SUPERINTENDENT

July 25. 1947.

Memorandum for the Regional Director
Region Three, National Park Service
Santa Fe New Mexico,

There follows a report of the activities in and around Capulin Mountain National Monument for the Month of July, 1947.

About six thousand visitors to the Volcano for the month, This brings total visitors travel year to date to fifteen thousand nine hundred sixty and fiscal year to date thirty thousand nine hundred sixty,.

No special visitirs this month appeared,

Free publications on hand as of July, 25, 1947, Capulin Mountain National Monument folders,
Two thousand five hundred,

Weather has been just right all thru the month and we have had about one and one half inches of precipitation.

Some cattlemen say that we have the largest grass and the fattest cattle that we have had in forty years here,

Roads in and around the Monument have been kept in first class condition all thru the month,

Something nice to see has been made in addition to the Capulin Mountain, National Monument This is the huge cut made by the gravel or cinder haulers, adjoining the Monument on the east, this excavation is about fifty feet deep one hundred feet wide and several hundred feet long, this shows what might be the inside of the Volcano, something we have never before been able to visualize, layers and fold of freshly cut cinders in several of the bright colors really worth viewing, Of course it is no part of the Monument,

Homer J, Farr
Custodian,


JUL 28 1997

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
CASA GRANDE NATIONAL MONUMENT
COOLIDGE, ARIZONA

July 25, 1947.

MEMORANDUM for the Regional Director,
Region Three.

There follows the narrative report for Casa Grande National Monument for July, 1947.

GENERAL: According to the state motor vehicle division, gasoline consumption in Arizona in the fiscal year 1946-1947 increased by more than 60 per cent over 1941, which was the banner year of pre-war days. This has been reflected in the tremendous increase in travel to the Monument over any previous year.

WEATHER: The temperature at the Monument during this last report period has ranged all the way from a low of 58 degrees on June 25, to a high of 116 on the 1st. and 115 on July 18. Most of the nights have ranged in the 60's and 70's while the days have been in the 100's and 110's. We have had three bad dust storms this month, and it has threatened to rain so often that we have stopped counting. Four times the dark clouds rolled over and each time we got about 16 drops per acre. It is really going to be a hot and dry summer, with no real rain since December of last year. The dams are dry, and the farmers and ranchers are really complaining.

ADMINISTRATION: Since Ranger Schufts return from the Regional office, he has been working on the non-expendable inventories for the southern Arizona Monuments and on all the Casa Grande inventories. Mr. Fitzpatrick of Phoenix has been here several times, looking over the cars and scrap which we have surveyed. He has bids in on several of these, and picked up one which he bought. Mechanic Stonehocker installed an old Chevrolet Dump-bed on one turret-trainer. On July 21, Mr. Stonehocker delivered the other two trainers to Frauhauf, Phoenix, to have new dump-beds installed, in accordance with their bid which was let by the Regional Office. The three electric hot water heaters were purchased from Farmers Electric who was the successful bidder. They shall be installed next month.

VISITORS: July 1947- 1,286; July 1946- 1,240. Travel Year to date: 1947- 31,019; 1946- 23,186. This is an increase over July 1946 and a decrease over June 1947. This is due to the very hot weather and the decrease in travel in this section of the country during the summer months.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

CASA GRANDE NATIONAL MONUMENT

COOLIDGE, ARIZONA

July 15, 1947.

INTERPRETIVE SERVICES: Of the 1,286 visitors to the area, 674 made the Ruins trip in 112 parties averaging 47.4 minutes per trip. 652 made the Museum trip in 107 parties staying an average of 24.9 minutes. 612 people came to the area but found it too hot and did not go out to the ruins. Six members of the armed forces visited the Ruins this month.

MAINTENANCE: The interiors and accessories of the Comfort Stations and all the metal work on the outside doors and windows of the Administration Building were painted by the Maintenanceman, Carroll Barnett. Archeologist Schumacher brought the Casa Grande Bibliography up to date, with a great many additions in the Fact File. He has also been working on the Casa Grande Chronology file of important dates and events connected with the Monument.

TRIPS TAKEN: Mechanic Stonehocker returned from his trip, June 24 to June 30, to Grand Canyon, Organ Pipe Cactus, and Saguaro National Monuments, hauling Surplus Material. July 1, Stonehocker went to Phoenix for the Autocar engine. Ranger Peter Schuft returned on July 10 from his two month assignment to the Regional Office. Since then he made a short trip to Organ Pipe Cactus and Saguaro National Monuments on July 20 through 22 to inventory their Non-expendable equipment. Mechanic Stonehocker made a second trip to Grand Canyon and Tonto for Surplus Equipment, from July 14-to 17. On July 21, Mr. Stonehocker went up to Phoenix to have the dump beds installed on the trucks.

N.P.S. Visitors, And Visitors of Note: Ranger Leding of Montezuma Castle brought the relief ranger's pickup truck - I 13821 back on June 29. Al Lancaster and Charlie Steen dropped in for a few minutes on the same day on their way to Tumacacori. Oley Barney from Saguaro stopped by here on July 16 on his way to Montezuma Castle for hay. He made the exchange of bench grinders for Organ Pipe Cactus and Montezuma Castle. He stopped by here on July 20, on his way back to Saguaro. Former Southwestern National Monuments clerk, Joe Golden, now a civilian employee with the Navy, paid us a visit on July 17.

NATURE NOTES: An article on the ruins appeared in the July issue of the National Parks Magazine. We had been in correspondence with Mr. Devereux Butcher in April of this year, concerning this article and the ruins. This has been the month of the Night Blooming Cereus. Three were in bloom on June 26. On the night of July 12, one plant near the Comfort Stations had ten blooms at once. The reporter from the Coolidge Examiner took pictures of the event, and it appeared in the above paper of July 18. The last Cereus bloomed on July 13. The fruit of the Prickly Pear near the Administration Building ripened.

Incidentally (Cuckoo): Of the 1,000 visitors to the zoo, 174 made the whole trip in 3½ minutes 8½ minutes per trip. All made the whole trip in 3½ minutes averaging an average of 11.3 minutes. All passengers to the zoo first drank it but not did end up out to the cuts. All members of the usual forms visited the bears this month.

Obituaries: The lyrics and screenwriter of the Twelve Wedding and all the usual with to the retails Harry was always of the administrative Twelfth were printed by the Intelligencer, Everett Brownell. Archeologists Rathbone Delights the Case Canada Hollingsworth to be dark, with a proof very evil-like in the Park Pits. He his also Does with- ing on the Does Canada Observatory file of important dates and events connected with the Treasure.

Their Rights: Donnelly in-Governor returned from his trip, rose at to James Hi, to Great Cayce. Other City Centre, and Cayuga Internal Enemies, Wanting Peoples Initials. July 1, Chancellor went to Tuesday Our the Latour region. Harper Peter Bobby returned to Ely to its two joint assignment to the Digital Cities. Later then be make a short trip to Cape Fox and Thomas Wellcome Lawrence to Ely do through to to Inspecting Their Eco-adjudicate explained. Bermuda Treasurer rode a record ship to Grand Canyon and Their Fur- ther Explorers. Upon July Lake-in. In July 22, to. Commodore went up to Liberia to Bora Bo Bay took Inspiring to the trends.

Arts & Theirs, and Twilight of Their: Among jailed at Cuckoo. Their Treasure the robot reopen's pitchy trust - I THEY Lamb to Rose 45. 41 Inventor and Cheetie Hines dropped in Tin 1 Tin Intro- ster to Tim Tom Tai at Black Tin to Treasurer. Clay Lacey Chan Others changed by Rose on July 12 on his way to Jackson Smith Tin Arp. Be pole the mainage of Grand Gladiola Cin Tyler Tin the Tin Rob Chambers Smith. To hinged by Lake in July 42, on his way ten to Cayuga. Tinner Southampton Tailors Tom Black Clark, Je Tailor, Jon & stylish neighbor Tin Gary, paid to a visit to July 12.

Notice Court: An article in the Tina appeared in the July Issue of the Bluecoat Tribe Reporter. In Tin Lead in Entanglement Tin. Tennessee Tribune in April of this year, accordion this article and the Trial. This Jet Tuned the Court of the Eight Element Secre- Chase Pete is Blue in Tube Tin. In the light of July 12, one Jimmy Jane the Central Tradition Led Jon Tinine it Tone. The Practice From the Medicine Director Lyn Director of the Event, and it Opening to the Open Japan of July 12. The last Server Signed on July 12. The Limit of the Eighty Two the Administration Meeting Tiger.

NATURE NOTES CONT:

The bats have been defenitely on the decrease in the ruins, while the snakes inside the Main watchtower have been on the increase. Maybe the balance of nature is taking care of itself inside the Casa Grande. Both these animals are still doing a good deal of damage to the visitors clothes, morale and nostrils on these hot days, as well as deteriorating the caliche walls. There is still a defenit need for some sort of devise to discourage the bats, and when they leave, the snakes will leave the ruins also.

INVANTORY OF PUBLICATIONS:	JUNE	JULY
Casa Grande 2 fold leaflet (1944) Received 200	270	350
Casa Grande 2 fold leaflet (1945) Spanish, Rdeciv.125	3225	3350
SwNM Map Folders (1941) Sent 500 to Salt Lake	1550	900
N.P. Location Map #6 (1944)	275	275
Gov't. 16 p. Booklets (1942) Sales	584	548
Glimpses of Our National Parks (1941)	100	0

A.T. Bicknell
Custodian

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Chaco Canyon NATIONAL MONUMENT

Bloomfield, New Mexico

July 26, 19 47

MEMORANDUM for the Regional Director, Region Three,
National Park Service.

There follows the report of activities in Chaco Canyon National Monument for the month of July, 1947.

There were a total of 371 visitors to Chaco Canyon this month. This is 147 more than last month, and 154 more than a year ago this month. The visitors arrived in 92 automobiles from the states of:- Arizona 5 cars, 13 visitors; California 8 cars, 27 visitors; Colorado 8 cars, 41 visitors; Connecticut 1 car, 2 visitors; Kansas 1 car, 3 visitors; Louisiana 1 car, 4 visitors; Maine 1 car, 4 visitors; Maryland 1 car, 4 visitors; Massachusetts 1 car, 5 visitors; Michigan 1 car, 2 visitors; New Jersey 2 cars, 8 visitors; New Mexico 48 cars, 219 visitors; New York 2 cars, 5 visitors; Ohio 4 cars, 8 visitors; Oklahoma 3 cars, 9 visitors; Oregon 1 car, 6 visitors; Pennsylvania 1 car, 3 visitors; Tennessee 1 car, 2 visitors; Texas 2 cars, 7 visitors.

All 371 visitors viewed the ruins. They formed 61 parties which were made up of 259 paid admissions, 53 children admitted for tax only, and 59 children less than 12 years of age. 325 visitors listened to the museum talk. Total time - Ranger 53 hours 15 minutes, Custodian 33 hours 15 minutes.

Four written requests were answered.

The warmest days of the month were 98 degrees on the 25th and 26th, and the coldest was 45 degrees Fahrenheit on the 30th of June. It rained on the 3rd, 6th, 7th, 8th, 15th, 15th and 16th. All of which totaled .90 of an inch of moisture for the entire month.

The Custodian took from the 6th through the 11th sick leave.

The University field school closes today. They have worked six days a week, while the students have been busy most of the rest of the time, so altogether it has been a busy time for all. It was this Custodian's first field school at Chaco, and he learned a great deal, and will have recommendations for the next summer, so that there will be an even better understanding between the University Officials,

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL MONUMENT

the students and the National Park Service. The Chaco Conference begins Monday.

The men on the fence crew have carried the fence across the arroyo and the posts, except for the brace posts, are in place from the arroyo to the mesa. The past few days, they have been hauling sand and gravel for the cattle guard. It is a 130 mile round trip to haul sand!

It was noticed that just north of La Tajada, which the new fence includes, there is a prairie dog town. The old town, near Headquarters, disappeared in the past several years. This new town is the only one on the Monument, at present, to this Custodian's knowledge. The Navajos are to be warned to stay away from it, for they consider baked prairie dog a delicacy.

More trouble has been experienced with the water pump and engine. It was necessary again this month to overhaul the small pump. It is hoped that the new one will arrive soon, for we have no auxiliary. Besides the water pump, the usual routine duties such as greasing and changing oil in the light plant, water pump engine, tractor, trucks, keeping the camp ground clean, cutting weeds in the ruins, etc., were accomplished.

Radio communication has been regular and satisfactory between this Monument and El Morro, lately. It was a means of Custodian Bates Wilson and this Custodian meeting for the first time, and we exchanged material for our monuments in Gallup.

There were several organized groups through the ruins this month. 16 boys from the Explorers Camp, Hesperus, Colorado, 70 Presbyterians traveling as a group, two groups of 26 each from Cottonwood Gulch known as the Prairie Trek Expedition and a group of Girl Scouts were in. Some other newsworthy visitors were Paul Balch, and Charlie Steen from Region Three Office, Jean Pinkley, Museum Assistant, John Winterhouse, Ranger and Don Watson, Park Naturalist, from Mesa Verde National Park, Dr. Bob Lister from California, formerly Ranger at Chaco, Flight Lieutenant Knud Von Clauson Kaas from Denmark, Commander A. W. Scott, radio Commentator, Dr. Rouse, editor of American Antiquity, and Dr. Leric O'Brian from Gila Pueblo.

The Trader reports that his general merchandise sales are equal to or better than last month. Many of the students of the Field School have ordered Indian made moccasins. That part of his business is booming, also, and, of course, it keeps some Navajos busy. His jewelry is turning over slowly, but he expects it to pick up because he now has finally found and made arrangements with a local Navajo to begin

making jewelry. The rugs are coming in slowly this month, but as he is selling them faster then he is getting them in, his stock pile is decreasing.

At the end of the month, there were on hand:-

Free two-fold leaflets on Chaco Canyon, approximately	8800
Southwestern monument folders	0
National Park location map, number 6	400

There follows the report of Archaeologist Richard C. Vivian.

Irving McNeil, Jr.
Custodian

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Chaco Canyon NATIONAL MONUMENT

Bloomfield, New Mexico

July 25 19 47

MEMORANDUM for the custodian
Chaco Canyon National Monument.

There follows the report of Mobile Unit activities in your area for the month of July, 1947.

GENERAL:

Working conditions have remained good until the past week when an epedemic of squaw dances hit the country. The work has been shut down the past three da ys due to insufficient labor. With Al Lancaster still detailed to Tumacacori this has given us a chance to catch up on the photography and recording.

CHETRO KETL:

Work this month will complete all of the northern excavated section of the site comprising the first four tiers of rooms out from the north wall and the row of higher kivas just south of these rooms. Work is in progress on the two superimposed structures, Kivas G and H and on the two easternmost rooms of this section. Next month attention will be centered on the southern rooms of this block and on the eastern wing of the pueblo.

Room 106 reported in progress last month has been completed. Here prehistoric designs in blue and yellow on the plastered wall have been protected by raising the original walls and reroofing the structure. The new roofing is built in two sections; an asphalt paper roofing and over this, with an air space between, a second, dirt covered roof.

Work in 115 in the eastern wing of the pueblo was also completed this month. Foundation walls were rebuilt under two sides of the room, one steel reinforced integral member was constructed over a large doorway break, vertical capping was carried up one fragmentary wall and repairs were made to the ceiling offset at the present second story level.

Another major job was done in room 43 in the deep section

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Chaco Canyon NATIONAL MONUMENT

[illegible], New Mexico

July 25 , 19 47

[illegible]
Chaco Canyon National Monument.

There follows the report of Public Work activities in your area for the month of July, 1947.

[illegible]:
Drying conditions have remained good until the past week when an epidemic of snowy flurries hit the country. The work has been shut down the past three days as we have to insufficient labor. With Al Lemon-aire still detailed to Tsaycosi this has given us a chance to catch up on the photography and recording.

[illegible] AREA:
Work this month will complete all of the northern excavated section of the site comprising the first four tiers of rooms out from the north wall and the row of higher rises just south of these rooms. Work is in progress on the two superimposed structures, Rives G and H and on the two easternmost rooms of this section. Next month attention will be centered on the southern rooms of this block and on the eastern wing of the pueblo.

Room 108 reported in progress last month has been completed. Here prehistoric dwellers in this end valley on the plastered walls have depicted by painting the original walls and covering the stone. The new roofing is built in two sections; an asphalt paper roofing and over this, with an air space between, a second, flat covered roof.

Work in 115 in the eastern wing of the pueblo was also completed this month. Foundation walls were rebuilt under two sides of the room, one steel reinforced internal member was constructed over a large doorway trench, vertical cribbing was carried up one fragmentary wall and repairs were made to the ceiling offset at the present second story level.

Another major job was done in room 42 in the dump section

Chaco Canyon Mat'l. Mon.

near the north wall. Here most of the two story south wall has fallen since its excavation in 1934. All that remains in place is a small section some 7 feet high on the west and an overhanging strip of wall 2 to 3 feet wide and 15 feet high on the east.

All fallen masonry was removed from the room; the small undercut piece on the west was buttressed and on the east the 15 foot vertical break was strengthened with a reinforced integral member which is tied into the intact east wall. Other work in the room consisted of repairs to a lower door and capping of the other 3 walls.

Work is in progress on Kiva G, the upper of the superimposed kivas in the northeast section. This is the kiva whose top wall is 28 feet above the lower excavations. All of the bench here is supported on rails and other members resting on lower walls. At the time of earlier repair the bench facing ha d been rebuilt in concrete but the strip between this facing and the kiva wall was filled only with soil. Moisture had separated the two with the result that the facing was either loose or had fallen. All of this has been removed and the entire bench top relaid in wire reinforced masonry mortar.

Work is being continued on this kiva in removing all of the old broken capping from the top wall and resetting it in reinforced mortar.

In room 42 the present second story of the west wall had been built on top of a large horizontal beam embedded at the first ceiling level. One end of this beam had weathered out allowing some masonry above it to fall with the subsequent settling of one end of the entire second story. This wall was jacked up with the aid of Charlie Steen's 25 ton jacks and a steel beam to carry the weight inserted above the horizontal timber.

A first floor doorway and an eroded ceiling offset were repaired in the east wall of 42 and all walls capped.

Timbers treated with the preservative several months ago have by now regained their original color and work is underway to treat all wood in the site in the same manner.

Extensive repairs have been made to room 40, the south wall in particular. This is the last of the series of east-west rooms which hold back one and two stories of unexcavated fill. Here the upper level of the wall was reinforced, extensive work was done at the first story ceiling offset and two large doorways were filled with rough masonry to prevent further washing of higher fill through them. The remaining three walls were capped, doorways repaired and minor breaks taken care of.

The heavy offset walls 2½ to 3 feet thick which carry large recesses or alcoves in the first story were repaired in rooms 44 and 46. Considerable patching was necessary in 46 and the tops of both were repaired and given a protective capping to preserve the wall timbered alcoves which are among the best architectural features of Chetro Ketl.

Capping of all walls, repairing doorways and filling wall breaks has been completed in rooms 43A, 37, and 41.

WORK ON PARK SERVICE LANDS

The University of New Mexico has continued its excavation on Monument land in the immediate vicinity of Shabikeshchee Villa ge. They are excavating the partial remains of a pit house some 16 feet below the present surface. This structure was discolosed by arroyo cutting.

To date all of the 16 foot overburden has been removed and they are in the process of clearing the floor. No wall, only the plastered floor is present. Interesting features which have come to light so far are: a rectangular stone lined fire box, half of a basin shaped depression possibly a fire pit, fragments of a partition wall dividing the room at the line of the firepit, a series of footprints in the mud floor and another large pit which is only partially cleared.

Some pottery, Lino with fugitive red, has been found in the strata above the floor but no sherds on the floor as yet.

Other work on Federal lands by the University includes exploration for burial grounds below Penasco Blanco. No burials have been found to date though a large area has been tested with pits and trenches.

Also being conducted on Federal lands are a water resources study, a survey of 18th century refugee sites, a pictographic survey and an extensive sherd survey.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

CHIRICAHUA NATIONAL MONUMENT

Dos Cabezos, Arizona

July 25, 1947

MEMORANDUM for the Regional Director, Region Three.

Following is a report of activities at Chiricahua for July.

Weather Conditions. Weather has been extremely dry for this time of the year. Normally our heavy rains start by the middle of July. So far this month we have had only 1.23 inches of rain. This together with the low rainfall during the past 6 or 10 months is causing the neighborhood considerable concern in regard to house and stock water supply. The Monument supply is still holding up quite well so hope to get by if we get our usual August rains.

General Publicity. Two Kohn brothers, photographers and writers for Western Ways, have been visiting the Monument for a week getting material for a magazine article.

Maintenance. The new roof for the oil house has been completed and a good start has been made at partitioning off a room for fire equipment.

Approaches to Monument Area. Approach roads are slightly less dusty and rough as some rains have settled the dust a little and made grading possible.

Interpretive Service. Two Happiness Tours visited the Monument but their train schedule did not allow for a very long stay. 154 came in the two tours and were conducted on a quick auto trip over the monument. It is thought a few more Happiness Tours will visit the Monument this summer but this is uncertain, as they are having trouble getting enough tourists once a week to make a special train. Without a special train the railway cannot work out a long enough stop allow anything more than a rush trip to the Monument. One conducted hike of 6 visitors was taken around the Echo Canyon Trail. Ranger Hoffacker took a party of 8 to the Heart of Rocks.

Museum Activities. Some work has been done on changing the museum to bring it as near as possible to the plan worked up by Naturalist Dodge some years ago.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

_____ NATIONAL MONUMENT

Increase in Travel. 2120 visitors came to Chiricahua as compared with 1737 for June and 1764 for July of 1946. Our travel year is now about 54 % ahead of this time last year.

Forest Fire Protection. On July 26 a fire training meeting was held for the local force. Building and forest fire protection was discussed and a small forest fire was started and extinquished to demonstrate the building of fire line, use of tools and mop up.

General. The Post Office Department is circulating a petition to determine if the patrons wish their post office spelled Dos Cabezos or Dos Cabezas. Notice has been received from the Department of the Interior, Division of Geography that it shall be spelled Dos Cabezas. In order throw further light on the subject I checked the files for spellings on letters that have reached Chiricahua, and offer the following. Dascobbezos, Dos Cabenzas, Dos Cabezok, Dos Cabesos, Dos Cabezon, Two Heads, Dos Cabbages. Should doubt still exist in regard to the spelling of the ghost town post office that serves Chiricahua, we will likely have some new and better spellings by next month.

Clair V. Cooke

Clair V. Cooke,
Custodian

Publications on Hand at End of Month.

2 fold leaflets, English,	2850
2 fold leaflets, Spanish,	1840
Mimeographed sheets,	400
Location Map No. 5,	15
Location Map No. 6,	65
National Park Briefs,	160
Glympses of our National Parks	50

Increase in Travel. Since visiting areas to Districts as required with 1932 for more and that for fifty of less. Our travel part is use about 14 a share of this last year.

Forest Fire Protection. In June 30 a fire training meeting was held for the local force. Building and forest fire protection was discussed and a small forest fire was started and explained to demonstrate the building of fire line, use of tools and mop up.

General. The post office department is planning a petition to determine if the persons with their post office applied the Census of Dog Owners. Notice has been received from the Department of the Interior, Division of Geography that it would be appreciated Jon Indeed. In order throw further light on the subject I observe the first for eligibles to letters that have reached Christmas, all after the following.
Descriptions, Mrs Johnson, Joe Jackson, Joe Johnson, Jos Yeats, Joe Dawkins. Should doubt still exist in regard to the spelling of the above town post office that serves Christmas, we will likely have some one and better spellings by next month.

Harry V. Brooks,
Director

Publications on Fish at End of Year.

A Fish Dietist, Austin,	1930
A Fish Dietist, Spanish,	1940
Illustrated sheets,	400
Circular Ser. No. 3,	15
Circular Ser. No. 6,	60
Pictured Fish Trials.	100
Diagrams of Fish Natural Areas	30

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

~~El Morro~~ NATIONAL MONUMENT

Ramah, New Mexico

July 26, 1947

MEMORANDUM for the Regional Director, Region Three.

There follows the report of activities in El Morro National Monument for the month of July, 1947.

WEATHER: Maximum temperature reached 92 degrees on July 2nd and the minimum was 41 degrees on June 30th. The total precipitation amounted to 2.04 inches, falling on six different days. The two showers on July 20th and 15th accounted for 1.33 inches of the total.

TRAVEL: A total of 423 visitors arrived at the monument in 113 cars and one airplane. Twenty-nine states and three foreign countries were represented. The tour of the inscriptions was made by 371 people and 119 of this number went on top to see the ruins. Total guide time amounted to 73 hours.

APPROACH ROADS: The road from Gallup to Ramah was bladed on July 14th & 15th and is still in unusually good condition. After one heavy rain on July 15th. travel by canoe was possible between El Morro & Ramah with a few short portages. Two weeks of very dry weather and our lakes have vanished. The road from Grants to the Ice Caves is in fair condition, but the last 18 miles on to the monument is still very rough.

NOTEWORTHY VISITORS: Dr. Edwin Colbert, Dr.& Mrs GG. Simpson, William E. Fish and Thomas G. Jerardi visited the area and made the tour of the inscriptions. An interesting tour of the inscriptionss was made with Dr. F.V. Scholes, Dr. J.C. Russell, University of New Mexico and Dr. W.N. Gewehr, of Washington,D.C. On July 13th a group of 27 boys, under the supervision of Mr. Hollis L. Howie, were taken on the tour of the inscriptions and on top to the ruins. Three days later the custodian accompanied this group through an ice cave two miles east of the cave now open to the public. The boys armed with cameras, thermometers, steel tapes, etc. gathered some very interesting data and a report of their findings has been promised the custodian. On July 17th a group of Girl Scouts under the supervision of three Scout executives and Miss Bertha P. Dutton, archeologist, camped in the area and were given a very interesting campfire talk on "Applied Anthropology by Veghtie Vogt. Their program continued until 2 AM as they hunted invain for a squaw dance. Next morning they were shown the inscriptions and ruins so by noon they were ready to call a halt, but a heavy rain cloud which threatened the Grants road kept them on the run.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL MONUMENT

July 31, 19

SPECIAL ACTIVITIES: On July 20th the custodian made a trip to Santa Fe for repairs on his uppers and spent two afternoons in the Regional Office solving many El Morro problems. Mr. Burton Dwyre, State Highway Engineer was contacted and from him it was learned that the survey for the improvement of Highway #53 would be completed this fall and that work (construction) would start in the spring as soon as weather permits. The program is definitely set up and we are really beginning to believe that we will soon have one all-weather road.

James L. Breese, of Santa Fe, distinguished aviator, who was a member of the crew aboard the NC-4 when she flew the Atlantic, added to t the mystery of the "Flying Saucers" on July 24th. when he landed his Piper Cub in the flat east of the monument and delivered the custodian a brand new set of " Flying Uppers". His motto is " Delivery with a smile for a smile"

GENERAL: Two trips to Gallup and one to Grants were made for supplies. On these trips a count was made of the places where a tourist might get lost getting back to Highway #66 from El Morro. It looks like directional signs will have to be placed both ways. Many people have written telling us of their dificulties in getting back to the main highway.

Bates E. Wilson

Bates E. Wilson,
Custodian.

Number of copies of free publications on hand at the end of June, 1947.

2-fold Spanish edtion------3750

2-fold English edtion-------966

16-page Booklet------------8236

RECEIVED
AUG 1 1947

Number of copies of free publications on hand at the end of June, 1947.

3-fold Spanish edition----------750

3-fold English edition----------866

12-page Booklet----------8

James E. Wilson,
Custodian.

GENERAL ACTIVITIES: On July 30th the custodian made a trip to Santa Fe for reports on his wipers and spent two afternoons in the Regional Office solving many El Morro problems. Mr. Burton Cowie, of the Highway Engineer was contacted and from him it was learned that the survey for the improvement of Highway #53 would be completed this fall and that work (construction) would start in the spring as soon as weather permits. The program is definitely set up and we are really beginning to believe that we will soon have our all-weather road.

James L. Brown, of Santa Fe, distinguished aviator, who was a member of the crew aboard the NC-4 when she flew the Atlantic, added to t the mystery of the "Flying Saucers" on July 24th. When he landed his flyer Sun is the first event of the monument and delivered the custodian a brand new set of " Flying Saucers". His motto is " Delivery with a smile for a smile"

VISITORS: Two trips to Gallup and one to Grants were made for supplies. On these trips a count was made of the places where tourists might get lost getting back to Highway #66 from El Morro. It looks like directional signs will have to be placed both ways. Many people have written telling us of their difficulties in getting back to the main Highway.

GRAN QUIVIRA

GRAN QUIVIRA, NEW MEXICO

JULY "_, 1947.

The following is summary of activities for the month of July, 1947.

Visitors this month totaled	417
Travel year to date	1855

Weather. This paragraph reads much the same as those in narrative reports of the past few months. Day after day and week after week of nothing but cloudless, dry hot weather. No precipitation of any importance has fallen during the month - in fact, there has been very little moisture of any kind during the past eleven months. High temperature was 97 and low 52. Incidentally the U.S. Department of Commerce, (Weather Bureau) now requires that weather station observers submit a weekly instead of a monthly report. In addition to weather observation the new system requires a report on the effect of weather on crops; condition and progress of crops; description of present farm operations; etc. This will place some additional work on custodians and rangers.

Roads. The State Highway maintainer has been laid-up for repairs for the past month, and, as a result, both approach roads are in poor condition.

Travel. This month shows a sharp upturn in travel. More visitors this month than for any month for many years. Instate visitors numbered 284 and outstate visitors 133. There were a total of 109 cars with instate numbering 72 and outstate 37. Increased visitation was due mainly to more out of state travel. 18 people walked out to the monument.

Guide and Contact Service. 417 visitors were conducted through the ruins on 109 guided tours. The average time spent, by each party was 57 minutes. Total contact time of 103 hours, 50 minutes.

Treasure Hunters. Gran Quivira is undergoing it's usual annual invasion of gold seekers. Parties with all sorts of wierd gadgets ask permission to locate and dig for this precious metal. Now sixteen hundred burro-loads is quite some pot of gold. The humble burro can walk off with a load of two or three hundred pounds. At 250 pounds per load this would amount to well over $100,000,000 with a few pocketfuls left for neglected decimals. There may have been some mistake in the burro-count, but anyhow, that's the exact amount one insistent Gent. said was here, under the thick walls of this ancient mission, and he knew exactly where it was located. He was quite putout when permission to dig was declined, even though immediate operations could be started with the Government getting half the take.

CHAN QUIVIRA

CHAN QUIVIRA, NEW MEXICO

JULY ---, 1967.

The following is summary of activities for the month of July, 1967.

Visitors this month totaled 417
Total year to date 1853

Weather. This paragraph reads much the same as those in previous reports of the past few months. Dry effect day and week after week of nothing but cloudless, dry hot weather. No precipitation of any importance has fallen during the month - it feel, there has been very little moisture of any kind during the past eleven months. High temperature was 97 and low 54. Incidentally the U.S. Department of Commerce, Weather Bureau now requires that weather station observers submit a weekly instead of a monthly report. In addition to weather observation the new system requires a report on the effect of weather on crops; condition and progress of crops; description of pasture, farm activities; etc. This will place some additional work on cooperative and volunteer observers.

Roads. The State Highway maintainer was over daily for repairs for the past month, and, as a result, both approach roads are in good condition.

Travel. This month shows a sharp upturn in travel. More visitors this month than for any month for many years. Despite visitors this month and cooperate visitors 1520. There were a total of 1138 cars with tourists numbering 78 and onlookers 37. Increased visitation was due mainly to more out of state travel. 18 people walked out to the monument.

Guide and Contact Service. 417 visitors were conducted through the ruins on 109 guided tours. The average time spent by each party was 67 minutes. Total contact time of 1125 hours, 30 minutes.

Treasure Hunters. Gran Quivira is undergoing it's usual annual invasion of gold seekers. Partied with all sorts of wild gadgets and paraphernalia to locate and dig for this precious metal. Now sixteen hundred burro-loads is quite some pot of gold. The humble burro can walk off with a load of two or three hundred pounds. At 15¢ pounds per load this would amount to well over $150,000,000 with a few pocketfuls left for neglected deserving. There may beta been some mistake in the burro-count, but anyhow, there's the start count one tenderfoot said was here, under the watch of this ancient glasses, and he knew exactly where it was located. He was quite upset when permission to dig was declined, even though immediate operations would be started with the Government getting half the take.

GRAN QUIVIRA

GRAN QUIVIRA, NEW MEXICO

JULY 26, 1947.

Gran Quivira Monthly Report continued fron page one ------- Page 2

Maintenance and Administration. Interpretive services has taken up most of the time during the month with little time left over for other duties. However, the gas engine operating the deep well pump was completely overhauled and is now in excellent operating condition. This engine had ceased to function due to needed parts and repairs. About two days work was spent overhauling USDI 1-13850 coupe pickup.

Publications Report. 950 Gran Quivira two-fold leaflets on hand. No other free or for sale publications on hand at this monument.

Ernest W. Bright

Custodian.

Cuba Quivira

Cuba, New Mexico

July 30, 1947.

Cuba Quivira Monthly Report continued from page one ------- Page 2

Maintenance and administration. Interpretive service has taken up most of the time during the month with little time left over for other duties. However, the gas engine operating the deep well pump was completely overhauled and is now in excellent operating condition. This engine had ceased to function due to needed parts and repairs. About two days work was spent overhauling Unit I-1330 cone pickup.

Publications Report. 930 Cuba Quivira two-fold leaflets on hand. No other fire or fire prohibitions on hand at this moment.

Cuatodian.

UNITED STATES
DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
GREAT SAND DUNES NATIONAL MONUMENT
MOSCA, COLORADO

July 26, 1947

MEMORANDUM for the Regional Director,
Region Three.

There follows the report of activities in Great Sand Dunes National Monument for July, 1947.

WEATHER. Summer has arrived, although it has been cool during this report period. Nearly every afternoon has its light shower accompanied by thunder and lightening. A very heavy rain fell on July 17, which washed most of the gravel off the roofs of headquarter buildings.

The Medano is still flowing, being fed by almost constant rains. All snow is gone from the Sangre de Cristo range, with the exception of a few scattered patches in deep ravines. Crops in the San Luis valley are retarded and the potatoe crop is not up to expectations.

TRAVEL. Two thousand, seven hundred thirty-seven visitors in six hundred nine cars visited the Sand Dunes during this report period. Thirty-one states were represented. One member of the armed force was counted. One thousand, seven hundred seventy-seven people took advantage of the camp and picnic-grounds, and of these one hundred eighty-six camped overnight. One written request for information was received and answered.

The July 4 week-end travel to this area was very heavy. Six hundred sixty-nine people came in one hundred forty-six cars during the three days. Four hundred eighty people had all day picnics and outings into the Sand Dunes. Of the three days, July 4 had the heaviest travel, with many local visitors coming out to escape the noise of fireworks in town.

INCREASE IN TRAVEL. For July, 1946, the record shows 370 cars and 1462 visitors.

ROADS. The Colorado State Highway Department graded the 24 mile approach road into the area on June 27, July 9, 16 and 23. The road is now in excellent condition, although even after grading, visitors have complained about the rocky condition of the road. Its obvious that the American public arn't happy unless they can gripe about

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
[illegible]
[illegible], COLORADO

July 26, 1947

[illegible] for the Regional Director,
Region Three.

There follows the report of activities in Great Sand Dunes National Monument for July, 1947.

[illegible]. Summer has arrived, although it has been cool during this report period. Nearly every afternoon has the light shower accompanied by thunder and lightning. A very heavy rain fell on July 17, which washed most of the gravel off the roads at headquarter [illegible].

The Medano is still flowing, being fed by almost constant rains. All snow is gone from the Sangre de Cristo range, with the exception of a few protected patches in deep recesses. Creek in the San Luis valley are returned and the private crop is not up to expectations.

[illegible]. Two thousand, seven hundred thirty-seven visitors in 417 licensed cars visited the sand Dunes during this report period. Thirty-one states were represented. One member of the armed forces was counted. One thousand seven hundred seventy-seven people took advantage of the camp and picnic-grounds, six of these one hundred eighty-six camped overnight. One written request for information was received and answered.

The July 4 week-end issued in this area was very busy. Six hundred sixty-nine people spent in our backed forty-six cars during the three days. Four hundred eighty people took all day plunges and cutting into the sand Dunes. Of the three days, July 4 had the heaviest travel, with many local visitors coming out to escape the noise of fireworks in town.

[illegible]. For July, 1946, the record shows 375 cars and 1616 visitors.

[illegible]. The Colorado State Highway Department graded the 24 mile approach road into the area on June 27. July 8, 12 and 26. The road is now in excellent condition, although even after grading, visitors have complained about the rough condition of the road. The drivers that the American public are happy unless they can gripe about

something. Most complaints come from visitors who are used to oiled roads.

COMPLAINTS. Complaints are still being made concerning lack of restroom facilities at the checking station. The proper type flush box and bowl can now be obtained in Alamosa, but at a price which is prohibitive. Since the peak of the travel season is so near to the end, it would seem advisable to wait until prices lower and funds are available for this job.

Many visitors come into the area over the Blanco road and naturally complain about the last four miles of that road. This section of road crosses the Zapata drainage off the mountain range and is of course badly washed. Because of scarcity of steel for culverts, the State Highway Department is unable to properly repair this section of road. It is understood that this rates a priority when materials are once more available.

The lower picnic area is a subject of verbal complaints in that with the huge increase in visitation, cars have cut and torn what sod and grass is there, so that the sand is now in a loose state and cars are easily stuck in this area. Shovel work is the only means of extraction and it would be wonderful to have a winch on the Dodge 2x4 to accomplish this tedious task. This area is fast developing into a major problem.

NATIONAL PARK SERVICE VISITORS. On July 1, John M. Davis and Dale S. King inspected the area and went over various problems.

Mr. A. van V. Dunn, Chief of Water Division and family came for a short while on July 5. Mr. Dunn was most helpful in explaining the water rights of this area and leaving suggestions and instructions as to the handling of this matter with Linger Bros.

NEWSWORTHY VISITORS. The first section of the Prairie Trek Expedition from St. Louis, Mo., on June 29, with 25 members. This group camped for two nights.

Dr. H.P. Mera of Santa Fe, who accompanied Davis and King on July 1.

The University of Kansas Field School on July 1, with 15 in the group who camped over-night.

The second group of the Prairie Trek Expedition with 26 in the party, arrived on July 8 and camped here two nights.

The Community Church of Monte Vista, Christian Endeavor held a picnic on July 13, with 43 in the group.

On the same Sunday, the Japanese-American Baseball Club of Alamosa held their picnic here with 40 members present.

nonsense. Most complaints come from visitors who are used to oiled roads.

COMPLAINTS. Complaints are still being made concerning lack of restroom facilities at the shooting stations. The proper type flush box and bowl can now be obtained in Kimmswick, but at a price which is prohibitive. Since the park or the travel season is so near to the end, it would seem advisable to wait until prices lower and funds are available for this job.

Many visitors come into the area over the Elmore road and naturally complain about the last two miles of that road. This section of road crosses the Dupeta drainage at the mountain range and is of course badly washed. Because of scarcity of steel for culverts, the State Highway Department is unable to properly repair this section of road. It is understood that this takes a priority when materials are once more available.

The lower picnic area is a subject of verbal complaints in that with the huge increase in visitation, cars have not been taken into and given in there, so that the sand is now in a loose state and cars are easily stuck in this area. Gravel work is the only means of extrication and it would be wonderful to have a wash on the bridge fed to accomplish this purpose. This area is fast developing into a major problem.

DAILY VISITOR ARRIVAL FIGURES. On July 1, John M. Davis and Dale S. King inspected the area and went over various problems.

Mr. A. Van V. Jones, Chief of Water Divides and Trails came for a short while on July 2. Mr. Jones was most helpful in explaining the water rights of this area and leaving suggestions and instructions as to the handling of this matter with Ginger Davis.

WEEKEND VISITORS. The first section of the Trails West Expedition from St. Louis, Mo., on June 27, with 32 members. This group camped for two nights.

Mr. W.F. Hart of Santa Fe, was accompanied Davis and King on July 3.

The University of Kansas Field School on July 3, with 18 in the group who camped over-night.

The second group of the Prairie Trek Expedition with 28 in the party, arrived on July 8 and camped here two nights.

The Pentecostal Church of South Utah, Christian Endeavor held a picnic on July 12, with 40 in the group.

On the same Sunday, the Jefferson-Jackson Baseball Club of Elmore held their picnic here with 60 members present.

WATER RIGHTS. Mr. Dunn, Chief of Water Division went over the legal problem of obtaining full water rights to Mosca and Morris Gulch Springs. A letter was written to Linger Bros., explaining the situation and suggesting proper means of releasing the water rights to the United States. Todate no answer has been received from Linger Bros.

MINERAL CLAIMS. On July 9, a Mr. V.M. Jones came into the monument to do prospecting work on his claim in the northeast corner of Section 22. A check at the Alamosa County Courthouse revealed he filed his claim on May 26, 1947. He remained on his claim for ten days.

LAND STATUS. The Chicago Office has completed a tabulation of the acreage of Great Sand Dunes: Gross area is 45,333.47 acres, of this 9,425.28 acres are non-Federal lands. The net area of Federal lands amounts to 35,908.19 acres

ACTIVITIES. The major part of my time has been spent in cleaning up the two picnic areas. With the heavy increase in people picnicing and the lack of barrels for trash and garbage, this is an all day job. I particularily hate the man who invented Kleenix!

Toilet paper holders were installed in the pit-toilets at the picnic area in the faint hope that less paper would be thrown around the area.

The four file transfer cases were welded together and now make a trustworthy file case for the office. The files were completed with the exception of the front covers which have as yet, not been received. A file box was re-vamped to hold all blank forms. At Mr. Davis' suggestion, the office furniture was again re-arranged and the office now has a much better appearance. A book-shelf was built and now all that is needed, is books.

Two signs were painted and it is hoped that they will serve to slow down fast traveling cars so they will stop and register at the checking station.

The work bench was completed in the light plant room and all tools were checked and hung on a board above the bench.

Decals were received for surplus equipment and will be placed as soon as time allows.

The two bed-rooms received a first coat of paint on ceilings and walls.

Mr. George Ziegler brought in his cattle on July 5, and todate have remained where they belong——on his land.

Hasps and locks were placed on the restrooms at the checking station, and these rooms will be used at present time for needed storage space.

The uncovered water line trench was discussed and inspected with Mr. Davis and an attempt will be made to obtain the use of a small tractor with a blade to push dirt and rocks into the 1500 foot uncovered section. It is believed that such a piece of equipment can be located and this will be done as time permits.

Because of lack of storage space for gasoline, it was necessary to purchase gasoline on credit card until a contract is awarded to this area.

One bid for the refrigerator was received from Denver, and it is hoped that we soon receive shipment.

Gasoline rationing evidently didn't prevent mid-west visitors from reaching areas where gasoline is not rationed. The majority of out-of-state visitors came from that section of the country.

The Shrine Ceremonial will be held next month on August 16 at Great Sand Dunes, and it is locally anticipated that a thousand will attend the event.

PUBLICATIONS. There are on hand, 62 of the mimeographed informational leaflets.

As soon as time permits, a proposed leaflet will be submitted to the Naturalist Division for mimeographing.

Ted C. Sowers,
Custodian.

Bangs and tacks were placed on the restrooms at the dancing pavilion, and these rooms will be used at present time for nursing mothers rooms.

The concerned water line trench was discovered and investigated with Mr. Davis and action will be taken to obtain the use of a small trailer with a blade to push dirt and rocks into the 3000 foot unserved section. It is believed that such a plan of equipment can be located and this will be done on line permits.

Because of lack of storage space for painting, it was necessary to purchase gasoline on credit card until a container is awarded to this area.

Due bill for the refrigerator was received from Denver, and it is hoped that we soon receive shipment.

Daytime residing evidently didn't prevent mid-week visitors from resulting areas where gasoline is not rationed. The majority of out-of-state visitors came from that section of the country.

The Sirius Ceremonial will be held next month on August 12 at Grand Sand Dunes, and it is locally anticipated that a thousand will attend the event.

[redacted]. There are no laws, or by the aforementioned Intercontinental Institute.

As soon as time permits, a proposed Indian will be submitted to the Memorialist division for discussion.

Sal J. Burns,
Surveyor.

-4-

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Montezuma Castle National Monument
Camp Verde, Arizona

July 24, 1947.

MEMORANDUM for the Regional Director, Region Three.

There follows the monthly report of activities at Montezuma Castle and Montezuma Well for the month of July, 1947.

Visitors this month - Montezuma Castle - 2527; travel year - 14,780.
Montezuma Well - 423; travel year - 804.

The travel count for Montezuma Well covers only five days per week and about six hours per day.

General: Steadily increasing travel is no longer news but merits comment only because is shows an increase of more than 93 per cent over the same month in 1941 when we had 1305 visitors. July 5 brought one of the heaviest day's travel when 235 visitors were counted. Visitors are often waiting for the gate to open at 8:00 A.M. and we will have demand for guided trips every hour for ten hours until 6:00 P.M.

Administration Office work takes the most of one man's time. The Custodian endeavors to leave many routine matters for the rangers while they are relieved of the monotony of ladder climbing. Four or five hours per day is about all one man can climb and still retain any enthusiasm for his work.

Ranger Leding drove the Ford pick-up I-13821 to Casa Grande where it was transferred. His return was delayed by the Santa Fe bus driver's strike.

The general information sign near our gate was mauled by vandals who completely demolished it and dumped it over the roadside a hundred yards or more from its place. Luckily it was nailed together and the nails pulled out without doing great damage to the sign.

Several visitors have been attacked by bees on our narrow ledge trail beyond the Lower Ruin, and one man was stung fourteen times when he did not find the sign "Narrow Dangerous Trail" a deterrent.

The Custodian and Mrs. Hastings took two days annual leave to join Ranger and Mrs. Leding on a trip to Navajo National Monument. We got stuck in loose sand and on the Shonto Hill but we enjoyed the trip and the Brewer's hospitality.

This month's book sales amounted to $125.50. Of this amount we were short $9.30 on the "Self Serve" plan. Stickers advertising Southwestern Monuments Association were pasted in all bound volumes offered for sale.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Montezuma Castle National Monument
Camp Verde, Arizona

July 24, 1947.

MEMORANDUM for the Regional Director, Region Three.

There follows the monthly report of activities at Montezuma Castle and Montezuma Well for the month of July, 1947.

Visitors this month - Montezuma Castle - 12,847; travel year - 14,720.
Montezuma Well - 4,847; travel year - 804.

The travel count for Montezuma Well covers only five days per week and about six hours per day.

General: Steadily increasing travel is an I-told-you-so that parks suffer only because it shows an increase of some 10 per cent over the same month in 1941 when we had 1200 visitors. July 3 brought one of the heaviest day's travel when 821 visitors were counted. Visitors are often waiting for the park to open at 8:00 A.M. and we will have demand for guided trips every hour for two hours until 6:00 P.M.

Maintenance: Office work takes the most of the park's time. The Custodian endeavors to leave many routine matters for the rangers while they are relieved of the monotony of desk clerking. Four or five hours per day is about all one can climb and still retain any enthusiasm for his work.

Ranger Dailey drove the Ford pick-up (1-3883) to Camp Verde where it was transferred. Its return was delayed by the tests to the driver's eyesight.

The general information sign near our gate was mauled by vandals who completely demolished it and damaged it over the remaining a hundred yards or more from the place. Luckily it was rather inexpensive and the metals pulled out without doing great damage to the sign.

Several visitors have been attacked by bees on our narrow lady trail beyond the Lower Unit, and one was stung fourteen times when he did not find the sign "Narrow Dangerous Trail" a deterrent.

The Custodians and Mrs. Dailey took two days annual leave to join Ranger and Mrs. Dailey on a trip to Bernie National Monument. To get start in Lamar used and on the Bernie Hill but we enjoyed the trip and the Steamer's hospitality.

This month's book sales amounted to $125.80. Of this amount we were short $3.80 on the "Half Dozen" plan. Visitors advertising Southwestern Monuments Association were posted in all usual volumes offered for sale.

No word has been received concerning the status of the contract for rehabilitating the quarters at Montezuma Well and we are most anxious that the project be completed so that the ranger may reside on the premesis.

Weather The maximum temperature was 110° on July 18 and the minimum was 48° on July 12. Total precipitation was .23 of an inch. Most of the month was hot and dry with our showers doing little to deter travel.

Maintenance Our gutters were cleaned and culverts were checked. An effort is being made to keep all drains in readiness for a heavy rain.

National Park Service Visitors Henry Tuller, Clerk Stenographer, visited Montezuma Castle and Montezuma Well enroute to his new assignment at Hoover Dam.

Mr. and Mrs. Ben H. Thompson and three sons were here.

Custodian Earl Jackson was a most welcome visitor July 9 to 13. We learned a lot from Earl and hope he comes again soon.

Ranger ~~Abuchon~~ Aubuchon and party were here from Walnut Canyon on July 10.

Maintenance Man Ollie Barney came from Saguaro for a truck load of hay from Montezuma Well. Our share of the first crop, 72 bales, and 5 bales from the second crop were loaded.

Newsworthy Visitors Mr. and Mrs. Arthur Woodward spent the night on our picnic ground and had breakfast at the Custodian's house.

Commander A. W. Scott, nationally known radio commentator, visited the Castle and Well. He had difficulty when his car stalled just inside the gate at Montezuma Well. The hydromatic clutch locked the wheels securely so that the car and trailer could neither be pushed or pulled until the car was jacked up and the clutch released by rotating the back wheels.

Accessions A copy of "The Book of Indian Crafts and Costumes" was donated to our library by Southwestern Monuments Association.

On July 11 Earl Jackson directed us to a flared basket about 5 inches in diameter and 2 inches high which he had seen imbedded in refuse in a remote corner of Room F-1-2 (Pinkley) in the first story of Montezuma Castle. Although only about one-fifth of the basket could be viewed a few years ago, it was now completely exposed and held in place by a few twigs. Here it could be damaged by rodents so it was removed and Mr. Jackson cleaned it thoroughly. It was found to have a weave and design quite like the modern Apache.

Use of Monument Facilities By The Public Montezuma Castle had 2527 visitors who came in 720 cars, trucks, and busses. Tickets sold, 886; Complimentary Admission Tickets used, 107; children who climbed free, 205; armed forces who climbed, 1.

A visitor for the record was here July 6. She bathed her three-year-

A visitor for the record was here July 6. She hailed her three-year-
old daughter, "Come here, Mary Ann!" Mary Ann, who was playing with
some rocks in the ruins, looked up and said, "Mommy, I'm busy."

Montezuma Castle National Monument was visited by 1,000 persons in
July 1923, according to the monthly report of Custodian Frank Pinkley.
The previous high record was 1,000 in July 1922. The previous low was
in July 1921, when 100 persons visited the monument.

Custodian Pinkley reported that the ruins were in good condition
and that no repairs were necessary. Mr. Pinkley also reported that
the Montezuma Castle and Montezuma Well entrance roads were in good
condition.

Mr. and Mrs. Ben E. Thompson and three sons were here July 7.

Custodian Earl Jackson was a week-end visitor July 9 to 13. Mr.
Jackson's home is in Fort Worth, Texas.

Visitors from Fort Worth, Texas, were here July 16. They were Mr.
and Mrs. Ben E. Thompson and three sons.

Mr. and Mrs. Ben E. Thompson and three sons were here

old daughter at the drinking fountain while Papa and Junior climbed the ladders.

Contact Time Total contact hours, 254.25. Hastings, 63.75; Leding, 77.25; Schroeder, 6.50; Frost, 106.75. There were 188 guided trips through the Castle for 1199 visitors and 266 parties in the museum including 1378 visitors. Visitors receiving information outside the ruins or museum numbered 736. Seven parties including 55 people camped over night and 24 parties including 101 people are known to have used the picnic ground.

Montezuma Well The following excerpts are taken from Archaeologist Schroeder's report.

General Daily duty was maintained except for lieu days and as follows: July 4, holiday, Custodian Hastings on duty; July 12, replaced Leding who was on sick leave at Castle; July 14 and 15 replaced Hastings on annual leave at Castle.

423 visitors in 122 cars and trucks were contacted. Judging from the pamphlets used during lieu days an estimate of another 50 cars could be made. 7 parties of 26 people were counted using the picnic grounds.

Administration The greater part of the month was devoted to work on the trail and making signs for the trail and approach roads. Trail signs were set up June 28 and the trail pamphlets have been in use since that date. The trail has been delineated with lines of rock to guide the visitor over large areas of bedrock. One burial pit, with limestone slabs in place, was cleaned out to better illustrate the type of grave used. Visitor comment on the trail has been favorable in most respects.

Public Facilities (the lack of) Several requests from parched throats resulting from the sunny walk on the trail have been received for drinking water. Similar requests for restroom facilities are answered by our antiquated "Chic Sale", and I suspect, by some of our more protective flora.

Buildings Some time was spent in an attempt to plug two bad leaks in the roof of the museum building. Plastic roofing tar was spread into the visible cracks on the rear portion of the roof. However on July 21 water from a heavy rain backed up to where other leaks occurred and an attempt will be made to repair them. The entire roof is in such bad repair that it is about ready to collapse.

Research On July 18 Dr. Colton and Eddie McKee of the Museum of Northern Arizona made a preliminary survey of the geology of the Well. Soundings were made and it was found that the Well is saucer-shaped running from a few feet in depth along the shore and dropping to 20 and 25 feet under the marine vegetation. In the clear water soundings read from 40 to 55 feet, the latter being slightly east of center. The temperature of the water at the bottom was recorded at 77 degrees and 4 inches below the surface at 84 degrees.

Mr. Leslie N. Gooding, a retired botanist, was here at the same time and browsing around the area of the Well and the creek bottom he identified

old daughter at the drinking fountain while Pam and Junior climbed the ladders.

Current Time Total contact hours, 224.31. Meetings, 65.75; Lating, 71.13; Interviewer, 6.00; Travel, 101.43. There were 168 guided trips through the Castle for 1145 visitors and 288 persons in the museum including 1278 visitors. Visitors receiving information outside the ruins or museum numbered 736. Seven parties including 23 people stayed over night and 24 parties including 183 people are known to have used the picnic ground.

Maintenance Hall The following excerpts are taken from Maintenance Foreman's report.

General Daily duty was maintained except for time days and as follows: July 4, holiday, Custodian Castello on duty; July 14, replaced leaving who was on sick leave at Castle; July 16 and 17 replaced Hastings on annual leave at Castle.

413 visitors in 317 cars and trucks were contacted. Judging from the population used during time days an estimate of another 40 cars could to made. 7 parties of 37 people were escorted using the picnic grounds.

Maintenance The greater part of the month was devoted to work on the trail and museum along the trail and approach roads. Trail signs were set up June 21 and the trail completely here open to use since that date. The trail was well delineated with lines of rock to guide the visitor over large areas of bedrock. One Metal pik, with Lacetone alone in plane, was elevated out to better illustrate the type of tools used. Visitor comment on the trail has been favorable in most respects.

Public Facilities (to last of) General requests from persons thereto resulting from the camp walk on the trail have been received for drinking water. Similar requests for restroom facilities are answered by unlighted "Chic Sale", and I suggest, by some of our more privative Clara.

Building Some time was spent in an attempt to plug two bad leaks in the roof of the museum building. Plastic roofing tar was spread into the visible cracks on the rear portion of the roof. However on July 21 water from a heavy rain backed up to where other leaks occurred and an attempt will be made to repair them. The entire roof is in need and repair that it is about ready to collapse.

Vandalism On July 14 Mr. Collins and Eddie Dolan of the Sheep of Earthers Alliance made a preliminary survey of the geology of the Hall. Soundings were made and it was found that the Hall is 5-foot-diameter pending from a fan fault in depth along the above and dropping to 23 and 23 feet under the surface separation. In the clay water sounding read from 10 to 22 feet, the latter being slightly more of center. The temperature of the water at the bottom was recorded at 57 degrees and a lander below the surface at 54 degrees.

Mr. Leslie K. Dowling, a retired botanist, was here at the same time and traveled around the area of the Hall and the creek bottom he identified

3

Maintenance Hall

86 species, some tentative.

Alfalfa On July 18 the second crop harvested under contract by Mr. J. C. Lightfoot was stored in the barn, a total of 243 bales.

Rattlesnakes Three western diamond and one black-tailed rattlesnake were found. Two in the Well proper at the outlet cave, one along the irrigation ditch outside the Well, and one on the rim by the small pueblo. The latter, a black tail, was skinned by Ranger Frost for a specimen.

Airmail Delivery On June 29 a plane buzzed the Castle and dropped a note attached to a T-shirt for Archaeologist Schroeder. Custodian Hastings directed the plane to the Well by means of questionable gestures. On arriving at the Well the tactics were repeated and the message delivered with accuracy on the roof of the house.

Homer F. Hastings,
Custodian.

Free Publications On Hand

Glimpses of Our National Parks (100 were sent for use at Utah Centennial Expo.)	118
2-fold leaflets, Montezuma Castle	100
Mimeographed leaflets, Montezuma Castle	225
The National Park System and Other Areas Administered by the Park Service	18

H. H.


RECEIVED
JUL 28 1947

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Arches NATIONAL MONUMENT

Moab, Utah

July 29, 1947

MEMORANDUM for the Regional Director, Region Three:

The following is a narrative report for Natural Bridges National Monument for the month of July, 1947: /

GENERAL: Travel to the area is holding up very well and it looks like this may be the banner year for travel to this monument. The ferry at Hite is again in operation and several parties have travelled to the area over this route.

TRAVEL: A total of 81 cars and 240 people visited the monument during the month, bringing out travel to date to 590 people. The majority of the visitors were from Utah but a good representation was had from other states.

Several cars containing a group of students and professors from Weber College at Ogden, Utah visited the area on July 5th.

The second trip of the Utah Wonderland Tours arrived at the monument on July 21st, via Hite ferry. The party contained only three passengers, who were accompanied on a trip to Sipapau Bridge.

INTERPRETIVE SERVICES: Six parties containing 17 people were accompanied on trips to the various bridges by Ranger Redd. Forty eight parties of 189 people were contacted at headquarters and 51 people visited the area during the absence of the ranger. Most of the people get their view of Kachina Bridge by making a short hike from the Hite road in preference to the 3 mile hike in the canyons.

WEATHER: Hot weather has been the rule throughout the month and has reduced the number of parties visiting all of the bridges over the 9 mile trail. Light showers fell twice during the month.

MAINTENANCE: The Dodge pickup was sanded and given a coat of black paint to replace the original washed out drab finish. This has improved its appearance 100%.

The 1½ KW power unit was moved from the site near quarters

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Yosemite NATIONAL MONUMENT

[illegible], Calif.

July 14, [illegible]

[illegible] for the Highland Firebrick, Dayton, Ohio:

This is to advise you that your order
No. [illegible] dated July 7, 1947:

[illegible]: Travel to this area is moving up very well and is looks like this may be the heaviest day for travel to this monument. The ferry at Ohio is again in operation and several parties have travelled to the area over this route.

TRAVEL: A total of 62 cars and 240 people visited the monument during the month, bringing our travel to date to 90 people. The majority of the visitors were from Ohio but a good representation was had from other states.

Several cars including a group of students and professors from Fisher College at Ogden, Utah visited the area on July 4th.

We were accompanied on a trip to Stephen Bridge by making a short hike from the Mike road in preference to the 3 mile hike in the canyons.

The second trip of the Utah Mountaineers here during it's monthend on July 21st, via the Ferry. The party consisted only three passengers.

[illegible]: Six parties certainly 21 people were transported on trips to the various bridges by Ranger Tom. Every right person of 121 people were conducted to landmarks and 13 people visited the area during the absence of the ranger. Most of the people got their view of Double Bridge by making a short hike from the Mike road in preference to the 3 mile hike in the canyons.

[illegible]: Hot weather has been the rule throughout the month and has reduced the number of parties visiting all of the bridges over the 3 mile trail. Light showers fell twice during the month.

[illegible]: The Dodge pickup was washed and given a rear of light paint to replace the original washed pink finish. This has improved the appearance 100%.

The 1½ KW power unit was moved from the Alta near Pinecrest

to a point under the ledge where it is better protected and out of sight. A concrete footing was poured as a base for the installation.

Trail work has been continued as time permitted and it is in fair shape. The underbrush is crowding the portions in the canyons and a laborer will be hired during August for the removal of some. Trees which fell along the trail during the winter are being removed.

ROADS: The State maintenance crew has been working on a portion of the road near the Bear's Ears on the Elk Ridge, and have improved the condition of the Maverick Point hill. At this writing the road is in good shape.

The road from the monument to Hite has not been maintained this year but is still in fair condition. Maintenance of this road was turned over to San Juan County after its completion but it is my understanding that the county now wants to return it to the State for upkeep. I hope they decide whose road it is before it gets in too bad a condition.

VISITORS: Dr. David W. Rial, representing Carnegie Museum of Pittsburg spent several days at the monument. He is preparing to excavate ruins in the vicinity of Butler Wash. Regional office was notified of his contemplated activities.

PUBLICATIONS: The following free publications are on hand:

Natural Bridges Mimeographed Leaflets		175
Arches	do	102
Glimpses of our National Parks		8
N. P. Location Map No. 6		61
SWNM Folders		3

Russell L. Mahan

Russell L. Mahan
Acting Custodian

(in trip.)

Dec. 7, 1917.

To a point under the ledge where it is better protected and out of sight.
A concrete footing was poured as a base for the installation.

Trail work has been continued on Elm peninsula and it is in fair shape. The watercourse is wearing the portions in the swamps and a laborer will be hired during August for the removal of same. Trees which fell since the trail during the winter are being removed.

Roads: The Dodge watercourse crew has been working on a portion of the road near the Bauer's farm on the Cliff Ridge, and have improved the condition of the Haverick Point hill. At this writing the road is in good shape.

The road from the monument to Elbe has not been patrolled this year but is still in fair condition. Maintenance of this road was turned over to Dan Olson formerly after the completion but it is my understanding that he recently has made no return of it to the Board for upkeep. I hope that Supervisor Reed will be before it gets in too bad a condition.

Visitors: Dr. David W. Neal, representing Carnegie Museum of Pittsburg spent several days at the monument. He is preparing to excavate ruins in the vicinity of Indian mounds. Original notes are wanting of his accomplished work-
ings.

Publications: The following free publications are on hand:

General bridge diagrams (Leaflet)	175
Prairie "	142
Glimpses of our National Parks	8
U. S. Monthly Map No. 6	85
Mesa Verde	1

Russell L. Dean
Acting Superintendent

(In duplo.)

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
NAVAJO NATIONAL MONUMENT
TONALEA, ARIZONA

July 24, 1947

MEMORANDUM for the Director, Region Three

There follows a report of activities in this area for the month of July 1947.

WEATHER: Weather has been extremely dry and has become the principal topic of conversation. Only 0.30 inches of precipitation were recorded. This is believed to be the dryest July recorded (to date) by the Betatakin Cooperative Observer Weather Bureau Station. High temperature was 96 degrees on the 20th, low was 49 degrees on the 15th and 16th.

ROADS: All roads in this area are dry and rough. Windblown sand is impassable on some road sections. Almost all of the fill material is loose or gone from the blasting holes in the Shonto Hill approach road. The same effect could be obtained by driving up a flight of standard stairs 400 feet high.

VISITORS: Travel has been discouraged by impassable roads. 16 members of the Boys Explorers of Colorado were here on the 6th and 7th. On the 20th Mr. and Mrs. Devereaux Butcher, Editor of National Parks Association Magazine, arrived to enjoy Betatakin. Dev and Mary will accompany us on our routine inspection trip to Rainbow Bridge planned for July 25-26.
Total travel: 47, in 13 cars. 22 overnite campers. One visitor came from Ireland.

National Park Service Visitors: The Hastings and Ledings of Montezuma Castle National Monument were here to visit Betatakin on the 14th.

PROTECTION: On July 8 lightning struck a pinyon tree only 15 feet from the 950 gallon steel gas tank. The excavation for this tank is ready for its installation. We are prevented from completing this job because we have no authority to purchase the pipe fittings. Better protection to property could be effected if this tank were installed underground.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

[redacted]

[redacted], ARIZONA

July 24, 1947

[redacted]

Dear Fellows: A report of activities in this area for the month of July 1947.

[redacted]: Nothing has been extremely dry and has become the principal topic of conversation. July P.G. Index of precipitation were recorded. This is believed to be the driest July recorded (to date) by the Rehabilitation Observation Shelter/Shelter Museum Station. Only temperature was 88 degrees on the 22nd, the was 22 degrees on the 11th and 12th.

[redacted]: All roads in this area are dry and dusty. Visiting and is impossible on some road sections. Almost all of the dirt secondary is loose or gone from the blasting below in the Tonto Hill approach road. The same effect would be obtained by driving on a flight of stairs with 500 foot high.

[redacted]: Travel has been discouraged by impassable roads. 14 members of the Boy's Explorers at visited this area on the 7th and 8th. Of the Girl's 4-H and Mrs. Jerry Wa Museum, Motion of Natural Area Association delegation, arrived to sight inspection. Jay and Mary will accompany on the Pueblo Inspection trip to Salmon Bridge planned for July 23-24.

Total Precip 47, is 11 more. 11 average amount. One visitor came from Ireland.

National Park Service Visitors: The Duchess and Indians of Montezuma County National Monument were here to visit Navajoin on the 12th.

[redacted]: On July 9 lightning struck a pinyon tree only 18 feet from the [redacted] gas tank. The excavation for this tank is ready for its installation. We are prevented from completing this job because we have no authority to purchase the pipe fittings. Letter yesterday to Prescott would be allowed if this work were [illegible] approved.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

NAVAJO NATIONAL MONUMENT
TONALEA, ARIZONA

The following items were performed by force account:

The log house formerly called 'tool-shed' is now housing the generator units for illumination. This month a new concrete roof was added to this structure. The mud rood afforded inadequate protection to the $1500.00 worth of Kohler generators. A six-pane steel sash window was installed in the same building.

The roof of the Shop-storehouse was retarred.

The entrance road was scraped from Shonto to Headquarters.

Chips were hauled and placed in the dry sand areas near Shonto and at Segi Point.

118 pieces of out-going correspondence were processed thru this office and a short ton of incoming correspondence was read and filed.

PUBLICATIONS REPORT:

Two-fold leaflets:	Navajo National Monument	1080
	Sunset Crater National Monument	89
	Walnut Canyon National Monument	14
National Park Service Location Map #6		86
Glimpses of Our National Parks (1941)		12

J.W. Brewer, jr.,
Custodian

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

ORGAN PIPE CACTUS NATIONAL MONUMENT

AJO, ARIZONA

July 26, 1947

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities in Organ Pipe Cactus National Monument for the month of July, 1947.

WEATHER

July has been very hot all month with all days over the 100 mark. 112 degrees was reached on both the 1st and 18th which is near our record for the area of 113. Low for the month was 68 on the 16th. Summer showers have started with two small falls on the headquarters area totaling .24

TRAVEL

Travel through the area this month totalled 6287, bringing the travel year to 69,154, with a small number stopping for interpretive service and an occassional camper.

GENERAL

S.& M. fencing project was terminated on July 25, with 7 3/4 miles of fence completed on our west boundary. The crew was terminated on the night of the 25th as we do not have material to continue further work.

Ranger Pete Schuft was down on the 21st and all non-expendable property was inventoried and numbered.

The office was moved from the custodian's residence to the new temporary office and contact station near the highway. This is a great help as I now have room to work and set up our files properly as well as being within sight of the highway for better service to the visitor.

A localized cloudburst on the evening of July 21st washed out a hole in the middle of one of the dips about 20 feet wide and 3 feet deep. As soon as reported, flares and blocks were placed and the damage reported to the County. It has been temporarily fixed and made comparatively safe for traffic. We are expecting considerable highway damage during the flood season as sand is piled high along all washes from last years rains.

Mr. Emmett and Dr. McDonald, of the Bureau of Animal Industry, stopped for more information and study on the proposed cooperative fence project along the International Boundary. It is hoped that this fencing can soon be put in as the summer rains will cause a great increase in the drift of cattle and horses into the interior of the monument.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

_____ NATIONAL MONUMENT

_____ July 20 _____ 19 47

_____

Mr. Thomas Hall Jr., Regional Director, Region Three.

There follows a report of activities in Organ Pipe Cactus National Monument for the month of July, 1947.

Visitors

July was a busy one all month with all days over the 100 mark. 112 degrees was reached on both the 3rd and 12th also it was not recorded for the area at 111, low for the month was 88 on the 11th. Tourist cabins were rented with two small fills on the weekends and totaling 134

Travel

Travel through the park was fair considering the unusual year to date, with a small number stopping for interpretive service and at headquarters center.

Weather

The 11 recording project was inaugurated on July 20, with 7 1/2 miles of fence completed to Ajo Highway. The area was furnished on the night of the 29th so we do not have material to continue further work.

Under this permit was done on the flat and all non-economic property was inventoried and numbered.

The office was moved from the naturalist's residence to the new temporary office put against shelter under the highway. This is a great help as I now have room to work and set up our files properly as well as being within sight of the highway for better service to the visitor.

A headland clearance on the evening of July 31st vented up a hole in the middle of one of the dips about 6 feet side and 3 feet deep. It was reported, flares put there were placed and the damage reported to the Grady. It was then temporarily filled and made comparatively safe for traffic. In the expedition mountains slipway having the flood waters as sand is piled high along all roads from last years rains.

Mr. Smith and Dr. Reynold, of the Bureau of Animal Industry, stopped for more information and study on the proposed cooperative fence project along the International Boundary. It is hoped that this fencing can soon be put in as the summer rains will cause a great increase in the drift of cattle and horses into the interior of the monument.

Both custodian and ranger were called to Saguaro National Monument on the evening of July 8 to assist in fire suppression, returning to the monument the night of July 10.

PERSONNEL

Ranger Ringenbach entered on annual leave July 23 and is spending his vacation on the Coast. He will return to duty on August 13.

PUBLICATIONS

Informational two-fold pamphlets on hand,	English version	12,700
" " " " " ,	Spanish version	3,400

William R. Supernaugh,
Custodian

Saguaro National Monument
Tucson, Arizona.
July 30, 1947.

MEMORANDUM for the Regional Director,
Region Three.

There follows the MONTHLY NARRATIVE REPORT of activities at Saguaro National Monument for the month of July, 1947.

WEATHER. Two and 25 one-hundredths inches of rain, on eleven days during the report period, were measured at the Mica Mountain Lookout. On the 22nd, 1.56 inches fell on the Rincons, with the other days of precipitation recording from a trace to .24 inches. This is far below the normal for July, and the mountain is not "wet down" by any means. Contrasting our rainfall with that of the Santa Rita Mountains, 45 miles south of Tucson, they have had over ten inches during the month. Temperatures have been over 100 degrees most of the month, with July 1 setting a new record for that date in Tucson, with 110 degrees, while at monument Headquarters that date showed 106.

SPECIAL ACTIVITIES. Only one official trip was made during the month, when Maintenanceman Ollie Barney drove the stake-body truck to Montezuma Well to pick up 71 bales of hay from their first cutting, on July 16 to 18. Ranger Fulton made two trips to Manning Camp, and the Custodian made two during the month, the second to inspect the site of Fire No. 5.

INSPECTIONS. On July 17 and 18, Regional Forester Carlson and the Custodian rode up to Manning Camp, and Mr. Carlson looked over the area burned in Fire No. 5. Ranger Pete Schuft arrived on the 21st, and spent the 22nd making the inventory of Non-Expendable Property for initiating the new property accounting system.

STATUS OF PRIVATE LANDS. It is understood that another portion of Section 8, owned by Mr. T. C. Igo, has been sold for homesite purposes, and that the well sunk by the new owner has been completed, with the residence structure to be started soon.

Inquiries as to the status of the "Baker" well, 1 mile west of the Headquarters and presently owned by the Tucson Chamber of Commerce were made by private parties desiring to use or purchase this property. Two separate groups were referred to the C. of C. Secretary, Mr. Goyette, and it is to be hoped that they receive more information than has the Custodian, who, on four occasions, has asked to see the files on this property, and has been put off with promises to mail us the desired data.

Department Natural Resources
Tucson, Arizona.
July 30, 1948.

Memorandum for the Regional Director,
Region Three.

Here follows the weekly water report of activities at Tucson Regional Monument for the week of July, 1948.

Rainfall. Two and 35 one-hundredths inches of rain, or eleven days during the report period, were measured at the Pima Mountain Lookout on the 22nd, 1.32 inches fell on the 28th, with the other days of precipitation measuring from a trace to .44 inches. This is far below the normal for July, and the mountain is not "wet down" by any means. Comparing our rainfall with that of the Santa Rita Mountains, 25 miles south of Tucson, they have had over ten inches during the month. Temperatures have been over 100 degrees each of the month, with July I setting a new record for that line in Tucson, with 112 degrees, while at Monument Headquarters that date showed 108.

Wildlife observations. Only one official trip was made during the month, when maintenance clerk Nancy drove the study-duty truck to Ajo and return. Ranger Pilcox made the trip to Tucson to Tuesday Club, and the Dentzlers made two during the month, the second to inspect the site of Pima No. 6, 12 by 12. Ranger Pilcox made the trip to Tucson to Tuesday Club, and the Dentzlers made two during the month, the second to inspect the site of Pima No. 6, 12 by 12. Ranger Pilcox made the trip to Tucson to Tuesday Club, and the Dentzlers made two during the month, the second to inspect the site of Pima No. 6, 12 by 12.

Improvements. On July 17 and 18, Regional Forester Hutton and the Custodian rode up to Tanque Verde, and Mr. Coulson looked over the area burned in Pima No. 6. Ranger Pete Dentzler arrived on the 21st, and spent the time making the inventory of Non-Expendable Property for initiating the new property accounting system.

Points of Public Value. It is understood that another portion of Section 6, owned by Mr. T. Ito, has been sold for Sonoita purposes, and that the well sunk by the Ajo Copper Inc have been completed, with the pipelines presently to be started soon.

Inquiries as to the status of the "Tucson" well. I talk over of the Fleischmann and previously owned by the Tucson Chamber of Commerce were made by private parties desiring to use or purchase this property. Two separate groups were referred to the C. of C. Secretary, Mr. Doyette, and it is to be hoped that they receive more information than has the Custodian, who, on four occasions, has asked to see the files on this property, and has been put off with promises to mail us the desired data.

MAINTENANCE. The two men of the trail crew have spent the entire month, when not fighting fires, in resetting water bars, adding new bars and drainage ditches, and, in places, widening tread on the patrol loop trail. At the end of the month work had started on the trail to Grass Shack. The telphone line has again been almost useless the greater part of each day, and, after spending a total of almost fifty man-days on its upkeep since April, we finally gave up, and engaged one of the local experts to find the trouble. After re-wiring all three lines into the Madrona R.S. with no marked improvement, he gave up, with the comment that the trouble must be in the Central Office. Next day he apparently found this to be the case, and for two days the line worked better than ever before. Now it is again useless after 9 or 10 A.M. Ranger Fulton has spent several days repairing the water pump, and pumping 5000 gallons of muddy fluid into the storage tanks for use of the stock. The spring at Manning Camp was cleaned, but the supply is too low to do as thorough a job as is desirable. One of the radio masts at Headquarters blew down in a storm on July 5; it was reset the following day. One of the antenna masts at the Madrona R.S. was snapped off in a high wind on the 22nd; it is still down, and will have to be replaced, although the station is still operative at reduced volume. The Headquarters sewer line appears to be stopped up, and after spending one day on it, no improvement is apparent. It is probable that the interior fixtures will have to be removed to open the line from that end. One day, July 6, was spent by the Custodian in dragging the Loop Road, which put it in good condition.

APPROACH ROADS. The Broadway approach road has been in the worst shape we have seen it since last fall. All month the visitors complained bitterly about the extreme roughness of both this, and the Vail approach road. No maintenance was accomplished by the Pima County crew during the month.

TRAVEL AND INTERPRETIVE SERVICES. The usually expected decrease of visitors continued, with total travel dropping to 543 people, arriving in 178 cars. Registrations showed visitors from 27 states and Switzerland. Informational service was available only 19 days during the month, due to pressure of other work, and fire business. Of the 138 persons given information at the Monument Headquarters, 65, or almost half, were met by Mrs. Egermayer, who spent 315 minutes, or over half, of the total contact time of 580 minutes, in this work. Under present personnel and work load conditions it is impossible to maintain any effective interpretive program during the summer months, and it will not be surprising to receive complaints as to this situation.

PERSONNEL. Mr. Michael W. Keevan entered on duty as Packer July 25, at 8:00 A.M. He replaces George W. Hilliard, who has resigned, effective July 26, to return East.

FOREST FIRE PROTECTION. Five forest fires, four of them Class "A" and one Class "B", occurred during the month. Of these, one was reported on July 3, two on July 7, and two, including the Class "B", on July 8. All were lightning-caused, and the two reported on the 8th were not discovered until over 20 hours after starting, since both were blind to any of our lookout positions or patrols. In addition to all of our regular personnel, 24 outside fire-fighters were required to suppress the last two, as the larger of these, which finally reached 3½ acres, was not out until 7 P.M. on July 11. First thought on Fire No. 5, the Class "B", was that we could not control without outside help, so assistance was requested from Organ Pipe Cactus and Chiricahua, which was promptly forthcoming, as Custodian Supernaugh and Ranger Ringenbach arrived at 10 P.M., and Ranger Sharp an hour and a half later, in response to messages sent at 4:15 P.M. Their assistance was badly needed, and sincerely appreciated. We still feel that only luck as to weather conditions prevented both of these last fires from being much larger, after the delay in discovery, and the generally dry condition of fuels. Since the 11th, we have had only one fire, non-reportable, as it rained out beforearrival of a crew. Fire weather danger is still running in the Moderate and High classes, as the effects of the one good rain which occurred on the 22nd have been lost without recurring precipitation.

ACCIDENTS. On June 28 Packer Hilliard suffered a punctured wound in his left knee while shoeing mules, and was hospitalized for two days. During the period of Fires No. 5 and 6, one fire-fighter was so badly stung by wasps near the Madrona Canyon barn that he required medical attention, and another fire-fighter, Wilbur Carpenter, was thrown from a horse and suffered a broken wrist and numerous cuts and bruises. On the 22nd the Custodian sustained a cut scalp which required three stitches to close, resulting from striking said thick head on a projecting bolt on a truck body. Mrs. Egermayer was stung by a scorpion on July 1, and required medical treatment. One of the X-9 horses rented for use by fire-fighters threw his rider, bolted, and was not found until three days later, minus saddle and blanket, and with a deep, worm-infested cut on his flank; as it was impossible to bring him off the mountain, this animal is being treated at Manning Camp, as is one of our own mules which ran into a projecting branch and punctured his flank, which likewise became wormy. Another accident, if such it can be called, occurred on June 30, while hauling water to Headquarters in the new ply-wood trailer. The front wheel and front of frame pulled off the trailer, depositing the remainder in the middle of the road, upright, without spilling any water or damaging the rather frail tank. It was embarrassing to arrive home with only the tow-bar and front wheel attached to the truck, but the tank was salvaged for other use.

PUBLIC HEALTH. As the water supply at Madrona Canyon has been polluted since December, all drinking water for personnel in that area has been hauled from the X-9 ranch nearby. On July 8 the report of the monthly sampling disclosed that this source was also polluted. On July 8, the report of a sample of water from the Manning Camp Spring was received - unsafe to drink. Since then the spring has been cleaned, and orders were given to boil all drinking water from that source. Water for the Ranger and family, and the Packer, is now hauled from Tucson. For a while this

water was stored in the salvaged plywood tank which had been moved over there, but after the first week of such use, we were forced to discontinue this practise, as Ranger Fulton, his wife, and the Packer all became ill, presumably from the effects of the banana oil with which the tank had been treated. Before discovery of the polluted condition of the water obtained from the X-9 supply Mrs. Egermeyer had drunk some while at the Ranger Station; she later became ill, and our doctor diagnosed water infection. Daily fever for over three weeks resulted.

NEW EQUIPMENT. A 4000 gallon water-storage tank was transferred from the Grand Canyon. A new 550-gallon gasoline tank was purchased locally to replace our leaking one at Headquarters. A battery-cahrger was purchased to charge batteries at the Madrona Ranger Station, after the small 350 watt plant (which is to be moved) ceased to function and had to be taken to Coolidge for later repair. Two additional pack saddles and one pair of pack bags, as well as 8 five-gallon milk cans were purchased during the month.

PUBLICATIONS. Free publications of the Service on hand at the end of the report period are as follows:

Saguaro two-fold informational leaflets, English ---- 3070
Saguaro two-fold informational leaflets, Spanish ---- 1100
Location Map No. 6 - Southwestern States ---------- 607
Southwestern Nationa Monument Location Map ---------- 156

(400 each of items one and four, above, sent to Utah Centennial office).

Sales publications of the Nation Park Service ------- none.

Don M. Egermeyer
Custodian.

RECEIVED
AUG 8 1941


RECEIVED
AUG 4 1947

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Sunset Crater NATIONAL MONUMENT
Flagstaff, Arizona
July 29, 1947

MEMORANDUM for the Regional Director, Region Three.

There follows a report of the activities of Sunset Crater National Monument for the month of July, 1947.

Visitors this month: 2328 Travel Year to date: 8242

Travel: During the past month 1630 persons registered. This, when compared to 1132 for the same month of last year, shows an increase of 30.5 %. The estimate of the total number of visitors is again computed on the basis that 70% of the visitors register. An additional 30% is added to arrive at the total visitation. From a comparison of the actual number entering the monument and those that register it is apparent that the method used for the past year is most conservative. The study will be continued and if the present trend continues, a change in the proportion used in computing the count will be made with the next report.

Weather: For the most part this has been a month of light showers. The rains that were forcast never materialized. We are still hoping that moisture may come so that much needed work on the roads can be done.

Roads: By degrees the entrance road becomes more like a washboard. Because of the extremely dry weather it is impossible to do any type of maintenance on the cinder and about all we can do is hope that it will rain. The Wupatki back road remains closed. The continued drouth causes this deep cinder to become more difficult to travel.

General: The schedule for the month has been largely given over to a clean up of the area. An accumulation of trash from many months of heavy visitor use, without regular cleanup, really makes it a man sized job. Refuse cans have been obtained and located in spots most commonly used for picnicing. This will go a long way in helping to keep the area more presentable. Both pit toilets have been repaired, with a new door in one and a new roof on the other. Signs that had been stolen by vandals have been replaced and others have been repainted. More of this type of work remains to be done. As much time as possible is being given in contacting the visitor. This together with the other essential jobs has a tendency to spread one rather thin. But as the other work is caught up it is hoped that more time can be given to interpretive contact.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
NATIONAL MONUMENT

Visitors: Mr. and Mrs. Devereux Butcher of National Parks Association visited Sunset on the 19th. The day was spent in making the ascent of the crater and inspections of other interesting features. Chief Engineer A. D. Curradi, Minor Roads Division, Branch of Development, Director's Office in company with Engineer S. D. Hendricks of the Santa Fe office stopped for a few minutes on the 20th, while enroute to Wupatki and Grand Canyon.

Publications on Hand: Sunset Crater National Monument 2-fold leaflets on hand - 750 Copies.

Robert F. Upton
Ranger in Charge

Interest Mr. and Mrs. Taylor's History of National Park Accreditation
visitor Lunch on the 10th. The day was given to seeing the sights of the
crater and Lunch at other interesting features. Chief Engineer A. L.
Darrell, Plant Branch Division, Branch of Development, Lassen's office assigned for
in company with Engineer S. D. Hendricks of the Denio To office assigned for
a few minutes on the 30th, while enroute to Bryant and Grand Canyon.

Publications on hand: Lassen Volcanic National Monument Park Information
as hand - - -

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Tonto NATIONAL MONUMENT

Roosevelt, Arizona.

July25, 19 47

Memorandum for the Regional Director:

Following is the monthly Narrative Report for Tonto National Monument for the month of July, 1947.

TRAVEL - Travel for the month of July was 362 with only 134 of this number visiting the Lower Ruin. Twenty-one stated and one Canadian Province were represented by this number.

PERSONNEL - Although no official word has yet been receiver, Charles Sharp is expected to arrive around August 1st to take up his duties at Tonto as Custodian.

N.P.S. VISITORS - Custodian Earl Jackson of Tumacacori National Monument spent the night of July 13th here at the Monument, arriving early enough to assure himself of catching a mess of fish for breakfast. Hardly had the smell of fish departed from the kitchen when Gene Stonehocker and son arrived with the surplus storage tank. Tuesday, July 22, Engineer Bradley arrived from the Regional Office to begin work on the fence survey.

WEATHER - Temperatures for the past month have been exceedingly high and have gone well above 100 every day. Good showers fell on the 7th, 21, and 22nd, however these rains have been so light that the only benefit was a short relief from the heat. Roosevelt Lake is now dry and the Salt River is a mere ditch of water.

FIRE - Tonto had it's first reported fire on the afternoon of July 7th as the result of a severe lightning storm in this area. The fire started in some dead sotol above the upper ruin and was extinguished in about 3 hours, two of which were spent in looking for dirt to combat the fire. At that we fared better than the Forest Service as they had a fire started at the same time, but not reported for several days, and lasted for over a week.

GENERAL - The house has been completed and is now occupied, giving Tonto two houses, but the greatest improvement was the electric plant which is now in use.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL MONUMENT

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NATIONAL PARK SERVICE

FENCE - Engineer Bradley of the Regional Office ; Joe Bean, Monument maintainance man , and two local men are running a survey over the boundary fence with the hopes of establishing the fence in a permanant location. At present all is progressing very well.

GOVERNMENT PUBLICATIONS ON HAND.

Tonto National Monument----------14,500
Glimpses of our National Parks---------- 49

Malcolm T. Bull
Acting Custodian.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
TUMACACORI NATIONAL MONUMENT
~~BOX 2225, TUCSON, ARIZONA~~
Tumacacori, Arizona

July 26, 1947

MEMORANDUM for the Regional Director,
Region Three.

Travel to Tumacacori took its annual July drop this month, but we haven't had a great deal of time for missing the extra visitors. This report period saw the completion of the contract job of repairs to the mission church and the Park Service buildings; the beginning and excellent progress of stabilizing the walls of the church; the paper work that arrives with the end-of-the-quarter and end-of-the-fiscal-year; and the cleanup incidental to having crews of plasterers and roofers on your area.

Weather. The drought continues in this vicinity. After a winter which, Weather Bureau records show, was the driest since 1903-04, our July rains have brought only .76 inches of precipitation. Last year we recorded 3.93 inches for this period.

Here, lack of rain means continued heat; there was a record high of 109 degrees on July 1; 15 days of this report period have had maxima of 100 or above.

With range conditions very poor, and farmers drawing heavily on the supply of ground water, there is just one bright side of the dry picture for the Monument: rain would have slowed progress on stabilizing the mission walls.

Personnel. Custodian Jackson was on duty until July 1, when he left for a month of annual leave. Archeologist Aide Lancaster came down from Chaco Canyon, arriving on June 30, to supervise stabilization work and to provide interpretive service on Ranger Brewer's weekly days off. On July 10th Andres N. Alegria was hired as Laborer for the stabilization job. Laborer Orozco has provided part-time help on the stabilization crew (with the decrease in travel, Brewer was able to handle some of the janitor and gardening chores).

Tumacacori has been fortunate in having Al Lancaster here this month; his work on the mission is exactly what was needed, and no one could ask for better all-around help on an area (we hadn't expected someone who not only was tops in stabilization, but who knew Park Service policy, and the routine of fee collecting and of conducting guided trips).

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NATIONAL PARK SERVICE
TUMACACORI NATIONAL MONUMENT

Travel to the Monument. There were 1,095 visitors this month. The increase of 1947 travel over that of 1946 was less this month than for any previous month (travel for July 1946 totaled 1,006). The percentage of out-of-state travel has held up, but local travel has been slight, particularly on week-ends.

Interpretive Service. Of the 1,095 Monument visitors, 1,072 were given information; 1,057 saw the museum; 671 made the complete tour of museum and mission; 23 were runarounds. There were 135 trips through the mission, averaging 34.6 minutes duration.

On four days during the month electric power was off for several hours, making it impossible for visitors to see the museum exhibits. During summer lightning storms we expect occasional breaks in the power, but this month the failures were evidently due to the current power shortage in this part of Arizona (the power was off between 1 and 5 one afternoon a week).

Contract No. I-33np-73. This contract, covering repairs to the roofs of the mission, the two residences, and rest rooms, and the plastering of the residences and rest rooms, was awarded to the Tucson Roofing and Supply Company. Work was begun May 8. The church roof was completed during June. During this report period the following work was done: finish plaster coats on the residences; finish roofing coats on the residences and rest rooms; painting and plastering the rest room interiors; roofing the second story of the bell tower and covering with a trap door the upper entrance to the tower stairs; repair to one column of the lantern of the sanctuary dome; replacing the wooden cross in the lantern.

Final inspection was made by Architect Saunders on July 17; final clean-up by the contractor has not yet been done.

Stabilization of mission. Mr. Lancaster arrived with Mr. Steen on June 30; they and Custodian Jackson laid out a program of patching of the original plaster on the north side, second story, of the bell tower, and on the south side of the tower; and of removal of the modern wooden framing from the baptistry window, and restoring the window to its original appearance.

For the first few days Mr. Lancaster familiarized himself with original materials used in the church, and experimented with different mixes of lime plaster, coloring materials, and the making of adobe brick. On July 10 a full-time Laborer was hired, 70 adobe bricks were made, and a scaffolding was constructed out of lumber on hand. To date, the projected work is almost complete, repair of plaster breaks on the facade is two-thirds complete, and two stabilizing jobs not in the original program have been done.

Travel to the Provinces. There were 1,388 visitors this month. The increase of 134 travel over that of 1949 was less this month than for any previous month (beyond the July 1949 record 1,888). The percentage of out-of-state travel has held up, but local travel has been slight, particularly on week-ends.

Refrigerator Parties. Of the 1,029 Tennessee visitors, 1,027 were given information; 1,027 saw the Museum; 891 made the complete tour of seven (7) states; 72 were Tennessee. There were 327 trips through the plant, averaging 34.8 visitors per trip.

[illegible] On four days during the month electric power was off for several hours, making it impossible for the guides to use the museum exhibits. During summer [illegible] showing an experimental version is the Powerama. But this month the failure were unlikely for as the Powerama [illegible] power exhibits in this line of visitors (the power was off between 2 and 3 one afternoon a week).

Changes in I-TVA-ys. This department, [illegible] the Chief's duties, the two assistants, the [illegible] and the [illegible] of the Powerama and [illegible] were assigned to the Chemical Control and Supply Department. Mary Ann Black left M. The chief chief was transferred during June. During this period the following work was done: Plans [illegible] for the installation [illegible] for the Powerama and [illegible] painting; service the control study of the hall tower and covering with a [illegible] over entrance to the tower stairs; repair of the sections of the Impulse of the electricity [illegible] the window cross in the Impulse.

Final [illegible] was made by assistant Secretary on July 17; final clean-up by the secretary has not yet been done.

Publications of visitors. Mr. Llewellyn Barrett [illegible] June 30; that was Tuesday Morning Jain Day a Impulse of publics of the visited Clifton to the work site, several visits, of the Bell Tower, and at the model of the Tower; and at request of the Public Relations Department [illegible] the visitor to the Control Tower.

[illegible] the Private Tax Code By. Lieutenant Powell arrived [illegible] Control Tower to the chief, and [illegible] with different [illegible] of Interest, existing material, and the utility of these trips. [illegible] was [illegible] with [illegible] Service [illegible] and [illegible] Library on [illegible]. To this, the Personnel work [illegible] Power engineers, Director of Visitor Events in the Tower [illegible] Control Tower, and two assisting jobs out in the refining [illegible] were done.

A detailed report on amount and location of repair work, and material and methods used will be written at the completion of the job. Photographs have been made before and after repair.

We do want to repeat here that this kind of stabilizing is exactly what the mission needed. The National Park Service is pledged to preserve and protect. Special skill is required to preserve (not restore) and protect from continued weathering a building with as long a history of neglect as Tumacacori. Workmen whose only standard is modern construction, who do not realize the historical importance of original construction, can do more harm than good. Mr. Lancaster's work is all to the good.

Research and Observation. Part of the current stabilization job was an examination of the wooden framing of the church windows; it was determined that the mortised and pegged frames are original. After removing the modern framing of the baptistry window, Mr. Lancaster found that the arched roof of the window opening originally ended two feet from the outer wall face; original adobes in place in the outer two feet were laid horizontally. This window repair is being modeled on the original east door of the sacristy, where an arched ceiling led to horizontal wooden lintels.

Rev. Victor Stoner visited Tumacacori twice during July, bringing very valuable historical data each time. On the 2nd Father Stoner showed us two early photographs of Tumacacori; one is particularly valuable because it shows one complete arch and bases of others, forming the "arched colonnade" that Prof. Wrightson described in 1860. Remnants of On July 17 Father Stoner presented the National Park Service with a chart of signatures and dates he had compiled from the mission registers of Tumacacori and vicinity; this chart gives an almost unbroken succession of missionaries for this area for the entire Franciscan period, and is an invaluable addition to our knowledge of Tumacacori history.

Laborer Andres Alegria's maternal grandfather was the Carmen Mendez who donated the ten acres for Tumacacori National Monument in 1908; Andres' mother was born just south of the mission and has lived nearby all her life. From her we learn that the present altar in the sanctuary was built by Pedro Calistro "in 1900, the year he started the Semana Santa here"; from Andres' father, Tomas Alegria, we learn that the choir loft fell in 1901 ("a family living in the rooms east of the church had a boy about ten years old; he had a swing hung from the north arch of the loft, and one day the whole choir loft broke").

Donations and Accessions. Bill Smith gave to the museum on July a collection of worked conus shell "tinklers" which had been found by Clifford Burdick of Tucson in a grave at Guevavi mission; the collection was entered in the museum records June 29.

Regional Naturalist Dodge sent a series of kodachrome slides showing Southern Arizona reptiles, to the Tumacacori visual aids library, on July 3.

Inspections. Architect Saunders came June 25, accompanied by Mrs. Saunders and Mrs. Tillotson.

Archeologist Steen inspected the mission stabilization needs on June 30.

Architect Saunders spent July 17 and 18 here, giving the contract job its final inspection. (Custodian Jackson, finding himself back at Tumacacori in the middle of his vacation, was on hand for the official wind-up of the contracted repair work.)

Maintenance. Trouble with the wiring of Residence #1 was reported to us on July 7, when plasterers at work on the building received electric shocks from the walls. Mr. Lancaster found that the meter registered the use of current when all lights and appliances of the house were off. On July 11 an electrician from Nogales made temporary repairs to the wiring that by-passed the ground; he reported the wiring in very poor condition and in need of complete overhaul.

A new hose for the gas pump was received from Casa Grande and installed on July 1; old aerial poles were removed from both residences; two new doors installed in the residences by the contractor were given a protective coat of linseed oil; plaster was removed from the screens of the Custodian's residence; the garage and closet between the rest rooms were thoroughly cleaned.

Special Activities. On July 7 there was a small explosion midway between a plasterer and two parked cars (too close to both for comfort). When the dust cleared we found a thoroughly flattened tin can, Army drab in color, oozing green peas from both blown-out ends. A B29 was overhead at the time, and the obvious conclusion was that they had recently lost one can of peas. The incident was reported to the B29 base in Tucson; the commanding officer agreed that a serious accident might have occured if the can had registered a hit instead of a near miss, and extended the apologies of the Army Air Corps. (This is one field of activity we're willing to concede entirely to White Sands.)

Publications Report.

Sales publications on hand		none
Gov't. publications handled by SWMA		"
Free publications on hand:		
	2-fold Spanish leaflet	2,560
	16-page booklet	50
	Glimpses of Nat'l. Parks	47

Sallie Pierce Brewer

Sallie Pierce Brewer,
Acting Custodian.

Transmitting. Apollian Boundary cause June 25, advanced by Mrs. Saunders and Mrs. Gillstrom.

Intendant Thorn inspected the dialing classification weeks on June 30.

Prohibit Service report July 17 and 18 here, giving the weekend [illegible] Committee. Counting Ferman, Visiting Security Boss [illegible] Conserved to the ability of his vacation, was on hand for the official [illegible] of the equipped Pacific area.)

Maintenance. Trouble with the siphon of Tankarea #1 was reported to be on July 7, when plumbers at work on the building received electric shocks from the water. Mr. Lancashire found that the maintenance the type of current when all lights and appliances of the house were off. On fair it an electrician from Bogalusa took temporary repairs the wiring that by-passed the ground; he reported the victim in very poor condition and in need of complete overhaul.

I was home for the pre-pay was received from Jean Smith and [illegible] stalled on July 1; all verbal plans were received from both applicants the new items installed by the preliminary by the motorists were given a protective cost of license all; plaster was covered from the entrance of the Gustafson's residence; the garage and sleeve between the main rooms were [illegible] already.

Postal Activities. On July 7 there was a small explosion which [illegible] there a fixture and two postal cars [illegible] to pull the machine. Four the most alarm we found - Thoroughly frightened the cat, damp dogs in color, water grass pans from both blow-out tubes. A BOX was received at the office, and the station supervisor was that they had received Just our mail of year. The visitor was reported to the Bill Jones in Tucson; the commanding officer agreed that a serious accident [illegible] done occurred if the car had reached a key terminal at a busy time. and attended the opening of the Lady In- Corps. [illegible] is now fully of activity we're willing to announce opening to their hosts.)

Publishing Events.

Paper subscriptions on hand	none
Day's publications mailed by Post	"
Time publications on hand:	
5-Cell Special Service	8,350
24-pair Service	36
Mileages of Sub'l. Cable	42

Willie Thorne Brown,
Acting Secretary.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Tuzigoot NATIONAL MONUMENT

Clarkdale, Arizona.

July 28, 19 47

MEMORANDUM for the Regional Director,
Region Three.

Following is the monthly narrative report for Tuzigoot National Monument for July, 1947.

Visitor Statistics and Trends: Brisk visitor travel characterised the month with 1361 persons arriving to view the Ruins and Museum. During the 4th of July Weekend it was noted that a general exodus from California apparently occurred inasmuch as the majority of our visitors at that time were Californians, and nearly one out of every two vehicles observed on the highways was from the Coast State. Varied scenic and recreational attractions of Northern Arizona which were accentuated by the Prescott Rodeo and Flagstaff Pow Wow lasting three days, brought unprecedented traffic on US Highway 89A between Phoenix and Grand Canyon.

As evidence of the increased travel which was predicted in our report for May, we note from the records that July 1941, showed a total of 1065 visitors, which at that time was an all-time high; July 1946 showed only 917, whereas last month, June 1946, travel totalled 1220. Thus, in each of the above comparisons there is a substantial and significant increase.

Guide and Contact Service: An average of 23 minutes for 312 ruins parties and 22.4 minutes for 327 museum parties kept the Acting Custodian and Ranger busy with visitors and left time for little else.

Personnel Time: Museum: 122 hours, 10 minutes. Ruins: 119 hours, 50 minutes. Total time for Acting Custodian Richert: 115 hours, 20 minutes; for Temporary Ranger Denke: 126 hours, 40 minutes.

Administration: Several days were spent familiarising Ranger Denke with duties at Tuzigoot and briefing him on the archeology, geology, and history of the Verde Valley Region. This is Mr. Denke's first assignment with the Park Service. He seems to enjoy the work and is doing a commendable job guiding. Ten replies were made by correspondence to persons who had written inquiries requesting information on the Monument. Our limited supply of free Park Service literature is all out of proportion to the large number of requests from travel bureaus for such information.

Museum Activities and Exhibits: The new functional exhibit which former Custodian Cotter and the present Acting Custodian installed relative to displaying the difference between pothunting and scientific excavation has evoked much comment. A few people snort apprehensively as they view with a guilty conscience the typical pot hunter's loot. The great majority, however, are genuinely interested

UNITED STATES

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in knowing what archeology is and ask many additional questions. If any complaints come in regarding this exhibit, they will only be construed by us as prima facie evidence that the complainants were guilty in varying degrees of violating the Antiquities Act!

Publicity: Tuzigoot rated a humorous note in Reg Manning's cartoon section of the ARIZONA REPUBLIC, Sunday, July 20, 1947 edition, wherein Reg pointed out that the Tuberculosis X-ray Mobile Unit would be in Clarkdale on July 24 and 25. He showed a local citizen peering at an X-ray picture of himself - a skeleton. Remarked the citizen with a horrified expression on countenance and hair standing on end: "Omigosh! My X-ray looks like something out of Tuzigoot Ruins!"

Projects: With the great influx of visitors, we have had insufficient time to complete the re-screening job on the window and door frames of the Administration Building. However, we received new labels from the Museum Laboratory for a few of our exhibits, and these are now being placed in the cases. Because of their appropriate size, clarity, and conciseness, these new labels greatly enhance the effectiveness of the displays, and will go a long way toward filling our most urgent need.

Signs: Two new highway markers were constructed by and purchased from a local sign painter. One has been placed at the "Y" on Highway 89A at the lower end of Clarkdale sufficiently in advance of a rather sharp, hilly curve to enable people to make the proper turn-off. Heretofor this was impossible. The second sign is being held as a replacement. Casualties among signs here are high owing to,1) Man, and 2) Climate, in order of priority.

In addition, a representative from the Arizona Highway Department was contacted in Clarkdale from whom it was learned that present signs between Jerome-Clarkdale and Flagstaff-Clarkdale are being replaced. Henceforth, Tuzigoot will be adequately marked.

Stabilization: Funds became exhausted July 1, and our two laborers, Mr. Hood and Mr. Harris, were terminated. We regretted letting them go, as they are excellent stone masons. Both have already found other employment. 80 rooms were stabilized. Work is being continued on the Stabilization Report.

Outside Talks: The Acting Custodian has been asked by the Clarkdale Volunteer Fire Department to talk to the group on "Forest Fire Suppression", and, incidentally, at their last meeting was "elected" a member. (They found out I attended the Chiricahua Fire School)

Publications Report: on hand, 170 Tuzigoot Information Sheets and 50 Two-fold leaflets.

Roland Richert

Roland Richert,
Acting Custodian.

Truigent Report for July 1947--2

in meeting what archeology is and ask many additional questions. If any complaints come in regarding this exhibit, they will only be construed by us as prima facie evidence that the complainants were guilty in varying degrees of violating the Antiquities Act!

Publicity: Truigent read a humorous note in Jay Canning's cartoon section of the AFFICHE DAILY, Tuesday, July 29, 1947 edition, wherein Jay pointed out that the Tuberculosis X-ray Mobile Unit would be in Clarkdale on July 14 and 15. He drew and a local citizen peering at an X-ray picture of himself - a skeleton. Beneath ed the citizen with a horrified expression on countenance and hair standing on and: "Cringed! My X-ray looks like something out of Truigent Notes!"

Projects: With the great influx of visitors, we have had insufficient time to complete the re-screening job on the window and door frames of the Administration Building. However, we received new labels from the Museum Laboratory for a few of our exhibits, and these are now being placed in the cases. Because of their appropriate size, clarity, and cheapness. These new labels greatly enhance the effectiveness of the display, and will go a long way toward filling our most urgent need.

Signs: Two new highway markers were constructed by and purchased from a local sign painter. One has been placed at the "Y" on Highway 89A at the lower end of Clarkdale and Jerome in advance of a rather sharp, hilly curve to enable people to make the proper turn-off. Therefore this was impossible. The second sign is being held as a replacement. Casualties among signs here are high owing to:1) Cars, and 2) Climate, in order of priority.

In addition, a representative from the Arizona Highway Department was contacted in Clarkdale from whom it was learned that present signs between Jerome-Clarkdale and Flagstaff-Clarkdale are being replaced. Henceforth, Truigent will be adequately marked.

Staffing: Funds became available July 1, and our two laborers, Mr. Mead and Mr. Harris, were terminated. We regretted letting them go, as they are excellent stone masons. Both have already found other employment. No rooms were established. Work is being continued on the Identification Report.

Outside Help: The Acting Custodian has been asked by the Clarkdale Volunteer Fire Department to talk to the group on "Forest Fire Suppression", and, incidentally, at their last meeting was "elected" a member. (They found out I attended the Chrismas Fire School)

Publications Report: on hand, 172 Truigent Information Sheets and 50 Two-Fold Leaflets.

Roland Truigent

Roland Wilbert,
Acting Custodian.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

WHITE SANDS

Box 231, Alamogordo, New Mexico

July 21, 47

MEMORANDUM for the Regional Director, Region Three.

JULY TRAVEL, 1947		1947 TRAVEL YEAR TO DATE	
Visitors 12,477	Cars 2,921	Visitors 68,454	Cars 16,998

July again surpasses all similar months since accurate travel count has been possible. 12,477 visitors in 2,921 cars have established this record. To substantiate last months story (and to justify night differential for two rangers) andaccurate record has been made of night visitors. This record shows 3,191 visitors in 663 cars entering White Sands between 6:00 and 8:00 P.M. during the first 20 days of July. Several hundred have gone through even after eight but we have to draw the line somewhere.

The weather has been hot and dry but a break last week gave us 1.88 inches of rain. This is the first rain of any consequesnce for months and we at last have our road in good shape for the first time this summer. Until the rain it was so dry it was impossible to work the clay topped section.

One official trip was made to Albuquerque by Rangers Chittum and Schaffner to pick up the Caterpillar Diesel Grader from WAA. We have now entered a NEW ERA by graduating from a 1934 Wohr to a second hand Army grader whichp incidentally, has greatly relieved our minds on the road problem. I slipped in a few days annual leave and made a flying trip to the West Coast. A trip has been planned to Dog Canyon to check water flow but something has come up each time to prevent the trip. It is hoped we can get over this week since it is urgent we get a good record of the water flow. The local water situation is seemingly no better and drastic measures are being taken to conserve water. Several wells have been taken over by the Army to assure a supply for the local base. The nature of this water, however, has been such that lately we are forced to haul almost entirely from Alamogordo.

Little has been done on museum contacts. We feel almost lucky to contact the museum enough to keep the floors and glass clean. Of course information is given on request and as time will allow. Unfortunately the more people the more requests for information and the less time we can give to such requests.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

WHITE SANDS

Box 203, Alamogordo, New Mexico

July 21, 47

Memorandum for the Regional Director, Region Three.

JUNK TRAFFIC, JULY

Visitors 12,477 Cars 2,921	Visitors 00,474 Cars 10,958

July equals surpasses all similar months since monuments travel counts have been possible. 12,477 visitors in 2,921 cars have established this record. To substantiate last months story (and to justify night differential for the ranger) entrance patrol has been made of all the visitors. This record shows 3,101 visitors in 958 cars entering White sands between 8:00 and 8:00 P.M. during the first 20 days of July. Several hundred have come through even after eight but we have to draw the line somewhere.

The weather has been hot and dry but a break last week gave us 1.00 inches of rain. This is the first rain of any consequence for months and we at last have our road in good shape for the first time this summer. Until the rain it was so dry it was impossible to work the only topped section.

The official trip was made to Albuquerque by Ranger Guthrie and Maintainer to pick up the Caterpillar Diesel Grader from WPA. We have now entered a WPA by purchasing from a like unit to a second hand Army grader which incidentally, has greatly relieved our vision on the road problem. I slipped in a few days annual leave and made a flying trip to the West Coast. A trip has been planned to Hoy Canyon to check water flow but something has come up each time to prevent the trip. It is hoped we can get over this week since it is urgent we get a good record of the water flow. The flood water situation is seemingly no better and drastic measures are being taken to conserve water. Several wells have been taken over by the Army to assure a supply for the Naval Base. The nature of this water, however, has been such that lately we are forced to haul almost entirely from Alamogordo.

Little has been done on museum exhibits. We just closed July to contact the museum enough to keep the doors and floors clean. Of course information is given on request and at this will alter. Fortunately the more people the more requests for information and the less time we can give to such requests.

We had hopes of getting an inventory well under way before this as well as repairs to our picnic area but as yet we have found time for neither. A long range plan for repairs will have to be inaugurated whereby we make most of our repairs on tables, etc, during the winter months when our travel drops some. Unless, like last winter, the travel does not drop as expected.

The increase in travel has thrown a heavy run on our rest rooms with heavy maintenance required there. During peak hours these rest rooms are proving entirely inadequate too. The current issue of Readers Digest carries a very interesting article on public rest rooms and the trouble encountered in any attempt to keep them in first class condition.

Our water samples are constantly being returned as "Unsatisfactory". The District Health Officer states we are doing all we can since the trouble seems to be in the source. Any way the visitors ask now why we don't weaken our Clorox with a little water.

No program other than contact service is planned for August which is always our heaviest month. We will do well to give good service to the estimated 14,000 who will visit us next month.

We reduced our stock of the old Southwestern National Monuments folder by sending 1,250 to Utah for use during the Centennial being held there. Dozens of requests are received daily for the White Sands folder which, of course, we cannot fill. A summary of publications on hand is;

SOUTHWESTERN NATIONAL MONUMENTS (OLD)	1,100
GLIMPSES OF OUR NATIONAL PARKS	102
N. P. S. LOCATION MAP # 8	280
(300 rec'd during month)	

Johnnie Faris,
Custodian.

in trip.

Monthly newsletter July 23, 1967

[illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Walnut Canyon National Monument,
NATIONAL MONUMENT
Flagstaff, Arizona.

July 27, 1947

19

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities in Walnut Canyon National Monument for the period of July, 1947:

Weather. A few light showers and several cloudy days raised hopes that it would rain again someday, but there has not been enough precipitation to turn the grass green. Up the Walnut Canyon drainage, Mormon Lake is a dry barren flat and Lower Lake Mary is a mud hole.

Visitors. Of the 3,307 total, 2,209 made the ruins trip unattended while 116 were contacted on the trail. Fifty nine parties, with 415 people, used the picnic area.

Among the visitors to be noted were Dr. Gladys Reichard with a small party of anthropologists, Mr. and Mrs. Arthur Woodward, Dr. Jessie L. Nusbaum, Mr. and Mrs. Devereux Butcher, and Col. Harry Keiling, former C. O. of the Mt. Elden CCC Camp.

Inspections. Mr. A. Van V. Dunn stopped by on the 12th to discuss water problems. Engineers Curradi and Hendricks were here briefly on the 19th to form some idea of the roads and trails.

Personnel. Seasonal Ranger Vicklund entered on duty July 7.

Activities. With the largest visitor month on record since Walnut has been administered by the Park Service, most of our efforts were expended on routine duties. It seems that a lot of time is needed to keep the area clean. Some of the supplies needed to repair the water line were received, and two of the most urgently needed air-release valves were installed. About five man-days were spent repairing roofs and windows of storage sheds. Those on "contact" duty at the Observation Point had some time to straighten out property records and catalogue the publications in library.

Publications Report. None on hand for distribution.

Paul L. Beaubien
Custodian

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
NATIONAL MONUMENT

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Wupatki NATIONAL MONUMENT

Flagstaff, Arizona

July 29, 1947

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities at Wupatki National Monument for the month of July, 1947:

Visitors this month: 647 Travel Year to date: 2836

Weather: The highest temperatures usually prevail in June, but this year July has been an exceptionally warm month. Extreme drought conditions prevail throughout this area.

Roads: The small amount of precipitation has improved the road somewhat. Our improvement activity has been concentrated on making fills in the holes and the maintenance of waterways. The Sunset road has not been opened to the general public yet due to general lack of precipitation.

Visitor Travel: Visitor use shows an increase of 33% over that of last year and is made up primarily of people definitely on a vacation.

Activities of Outside Agencies: Dr. Sam Welles of the University of California spent one day in the area with a group of students. He examined the tracks in Emmett Lee's hogan, identifying them as those of Chirotherium and of a recently discovered small reptile which will be published upon in the near future. He obtained some specimens from the near-by quarry under permit. At Dr. Welles suggestion Emmett Lee's hogan and the wash have been named "Hoganosaurus" and "Hoganosaurus b'ko" respectively.

Ruin Stabilization: The ruins stabilization work performed this month consisted of finishing up the amphitheatre (wall capping) and correcting drainage of the floor area. The area surrounding the amphitheatre was trenched slightly to divert surface water. Drainage was improved in several rooms through installation of tile and by backfilling.

Activities of the SWNM Stabilization Laboratory: Collaborator Buchenberg and crew installed approximately fifty feet of soil cement trail near the ruin (Wupatki) as an experiment. A report on this project is forthcoming.

Water Supply: No measurement of the springs was recorded for June, but they are still decreasing. With the flow at the lowest ever recorded and no precipitation of any consequence, it will be interesting to see how low they get before the normal fall increase.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

NATIONAL MONUMENT

Chaparral, Arizona

July 23, 19--

Superintendent of the National Monument,
Saguaro Tucson.

There follows a report of negotiations at Ajuridi National Monument
for the month of July, 19--.

Visitors this month: 207 Overall Count to Date: 2819

Weather: The Arizona Conservationist recently printed by Omar, has this year
been an exceptionally warm month. Thermometer readings of 110 Fahrenheit
crowded the 100 mark.

Roads: The small amount of precipitation has improved the road somewhat.
The Superintendent has directly this week requisitioned to modify title 31 the
holes and the patchwork of materials. The Ajuridi Post has 110A these
opened to the general public for the remedy! lack of precipitation.

Trails: Usually visitor use slows to insignificant of 201 near End of Last
year and 12 this by reluctantly of people Saturday as a reminder.

Activities of Interest Developed: Mr. Ben Walker of the University of
California spent one day in the area will a group of students. He
explored the trends to Bonnet Jack's Canyon. Interesting-Chaco Pa Ruins
of Chi-Chahuilla Hill of a scientific discovery small circle which will
be published upon in the near future. In general some specimens from
the newly-county middle Jurassic in Ex. Native excavating Bonnet Jack's
began and the small have been found "Pleistocene" Sandstone [illegible]
remaining).

Visitation: The visitation was [illegible] [illegible] [illegible]
according of visiting by the Scientific Visit Lodging] and interest
Activity of the Time area. The area surrounding the exploitation was
involved visibly to divert surface water. Visitors was increased in
several areas through [illegible] of this and by [illegible].

Activities of the CCC-Civilian - projects: Preliminary Geological
and area [illegible] accomplished fifty feet of well cement trail was
the main [illegible] on the experiment. A report on this [illegible] is [illegible].

Native Laughs: [illegible] of Ben Wrights was provided for Omar. Ben
Ely are still interested, with the Club as his Lowest ever remained and
no precipitation of any consequence. It will be interesting to see how
the they rest before the Annual Ball Interest.

Wupatki Spring is now flowing 107 gallons per 24 hours compared to 226 gallons in May. Heiser is producing 1394 gallons per 24 hours compared to 1630 in May.

NPS Visitors

A. V. Dunn, Chief of Water Division, spent a few hours on July 12 looking over our water problems, particularly that concerning Heiser's Spring.

A. D. Curradi, Chief of Minor Roads and Sam Hendricks, Regional Maintenance Engineer spent the 20th looking over the Roads and Trails matters at both Wupatki and Sunset Crater.

John Harrington, ranger naturalist at Wayside Museum in Grand Canyon visited Wupatki for the first time.

Other Visitors:

Mr. and Mrs. Devereaux Butcher of the National Parks Association spent a portion of two days at Wupatki seeing the outstanding points of interest.

General: In addition to normal duties for this time of the year the interior of the Custodian's residence was painted and the exterior woodwork stained, fire hazards were corrected to the extent of materials available, cooperation extended the Forest Service on one fire, cut out letters for Saguaro and Big Bend completed and ready for shipment. Emergency repairs on our equipment and that of visitors seemed to require an und e amount of time.

Publications on Hand:

Wupatki Information Leaflets (new edition)	3500 copies
Glimpses of National Parks:	45 "

David J. Jones
Custodian

( )

Research Center is now drawing 112 gallons per 24 hours compared to
224 gallons in May. Output is projected 1104 gallons per 24 hours compared
to 2200 in May.

Our Visitors

Ms. M. Jones, Chief of Water Division, spent a few hours on July 12
looking over our water problems, particularly this seemingly intensify
trend.

Mr. R. Harrell, Chief of Clean Water Act Plan Monitoring, National
Environmental Equipment also Still Looking over the Weeks-Gas Trestle
matters at Back Thunder Bay Natural Estuary.

Mrs. Charlotte Phelps retired at Twelfth Shares in Coral Canyon
elected Vice-Pres for the Civic Club.

Open Platforms

Dr. and Mrs. Desmarais Chairman of the National Parks Association
Board & Portion of Key Days at Tipped Heart. Mrs. Desmarais speaks at
Luncheon.

Research: To publish in several Series for this time of the year the Director
of the Institute's readiness was pointed out the activity economic stated,
Clay Deposit were interested in the school of material available, employing
optimized the finest fruition on Ben Ship, and his Fathers for Bayers and
Ed Band Completed and ready for Airport, Secretary Project on our
equipment and that of stations amount to erection at and a Bundle of Time.

Publications on Hand:

Coastal Tolerances Limiting Zone Activity Study
Effects of Drilled Fuels 42

Frank T. Jones
Secretary

Enc.

tion 304
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and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS* -

Arches National Monument
Name of Area

July
Month
1947
Year

BER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
manent		1	-
porary			1

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
o Caravans	3	16	3 hr.
ks or Hikes	9	58	4 hr.
ns or Hist. House			
er			
Total	12	74	

TALKS	NO.		
pfire			
el or Lodge			
eum (Not connected with conducted trip)			
entation (Not connected with conducted trip)			
er (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Windows	10	170	1/2 hr.
Headquarters	30	194	1/4 hr.
(Give Name or Type) Total	40	364	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Windows	30	441	1 hr.
(Give Name or Type) Total	30	441	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
adcasts			
ks			
plays and Exhibits			
lies to Inquiries			
er			

GOVERNMENT PUBLICATIONS SOLD (number)

page booklets	
ular Studies	
rce Books	

879
Total Receiving Interp. Serv.

611
Total Number Visitors to Area

NAME Russell L. Malan

TITLE Custodian

ARKS: (Please note below any factors influencing interpretive service, such as: seum closed for repairs", "closed for season", "naturalist on sick leave", etc.

STRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

ection 304
Reports
1 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Aztec Ruins
Name of Area

July
Month
1947
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		2	
emporary		1	

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	273	1615	3/4 hr
ther Museum	347	2460	1/2 hr
Total	620	4075	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries	4		
ther			

4075
Total Receiving Interp. Serv.

2460
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

6 page booklets	175
opular Studies	
ource Books	

NAME _____

TITLE Irving D. Townsend, Custodian.

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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120905

ection 30
Reports
11 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Bandelier National Monument
Name of Area

July
Month
1947
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		2	2
Temporary			3

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	216	2462	73.1 min.
Other			
Total	216	2462	

TALKS	NO.		
Campfire -- Museum Lobby	23	719	58.7 min.
Hotel or Lodge			
Museum (Not connected with conducted trip)	22	176	20.7 min.
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip) Study Col.	9	24	24.4 min.
Total	53	914	

ATTENDED INTERPRETIVE STATIONS	DAYS		
Museum Lobby	30	3558	10 min.
Fire Lookout	30	100	20 min.
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Trails of Tsankawi, Ceremonial Cave, Stone Lions	30	1186	
(Give Name or Type) Total	30	1186	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

8220
Total Receiving Interp. Serv.
4744
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	
Popular Studies	
Source Books	

NAME Chester A. Thomas,
TITLE Custodian.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
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"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

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COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

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120905

Section 304
Reports
11 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Canyon de Chelly National Monument
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	One	One	
Temporary	One		

July
Month

1947
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	48	393	173.5 hr
Other			
Total	48	393	

TALKS	NO.		
Campfire	2	52	5.5 hr
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)	49	107	18.8
Other (Not connected with conducted trip)			
Total	51	159	

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	8		
Other			

507
Total Receiving Interp. Serv.

521
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	
Popular Studies	
Source Books	

NAME Meredith M. Guillet

TITLE Custodian

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120905

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Capulin Mountain National Monument,
Name of Area

July
Month

1947
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		One.	
Temporary			

CONDUCTED TRIPS None.	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS None.	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
None.			
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Wayside markers pointing out of the principal points of interest.			
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

GOVERNMENT PUBLICATIONS SOLD (number)
6 page booklets
Popular Studies
Source Books

One thousand
Total Receiving Interp. Serv.

Total Number Visitors to Area
six thousand,

NAME _____

TITLE Custodian,

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120905

RECEIVED 1947

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS
IN SCENIC OR SCIENTIFIC AREAS

CASA GRANDE NATIONAL MONUMENT
Name of Area

ber of Persons Engaged in Interpretive Activities — JULY (Month)

	Technical	Administrative	Other	1947 (Year)
manent	1	1	1 *	
porary				

nger Schuft at Region Three Office
til July 10.

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
to Caravans				
king Trips				
ins	118	674	47.4	534.79
	107	652	24.9	270.06
List other types Total	219	1326	XXXX	804.85
LECTURES				
mpfire				
tel or Lodge				
seum				
tside of Park				
ecial**				
*Includes all other types Total			XXXX	
TTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station				
ist by name and type			XXXX	
NATTENDED INTERPRETIVE STATIONS				
me of Station, Nature Trail, etc.				
MUSEUM & ETC.		612		
ist by name and type			XXXX	

BROADCASTS

ation	Subject	
0. 16	Sage Skits Sold	36
	Inquiries	507

Total Contacts 1326
Total V.P.H. 804.85
Total Visitors 1986

Name Asa Bicknell
Title Custodian

l attention Naturalist Division, National Park Service, Chicago, Ill., in time arrive on or before the tenth of the month following the one reported on.
erage duration of activity.
his column represents visitor participation hours. Figure is obtained by multi-ing the visitor attendance by average duration of the contact; I.E., the average e devoted to the trip, lecture, museum visit, or use of interpretive stations.

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Name of Area

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		(1) Custodian	
emporary			(1) Ranger

July
" Month
1947
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	61	371	94 mins.
ther			
Total	61	371	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)	46	325	18 mins.
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total	46	325	

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total	0	0	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total	0	0	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries	4	Written inquiries	
ther			

695
Total Receiving Interp. Serv.

371
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

6 page booklets	
opular Studies	
ource Books	

NAME Irving McNeil, Jr.

TITLE Custodian

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Because of miles of dirt approach roads, rain and cloudy weather discouraged some visitors.

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

CHIRICAHUA NATIONAL MONUMENT
Name of Area

July
Month

1947
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	1
emporary			1

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans	2	154	2 hours
alks or Hikes	1	6	2 "
uins or Hist. House			
ther			
Total	3	160	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Headquarters Museum	31	2075	½ hour
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Massai Point Orientation Station	31	1060	½ hour
(Give Name or Type) Total	31	1060	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries			
ther			

GOVERNMENT PUBLICATIONS SOLD (number)
6 page booklets
opular Studies
ource Books

3295
Total Receiving Interp. Serv.

2120
Total Number Visitors to Area

Clair V. Cooke

NAME Clair V. Cooke

TITLE Custodian

EMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

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120905

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

GRAN QUIVIRA NATIONAL MONUMENT
Name of Area

JULY
Month
1947
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		ONE	
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	109	417	57 mins.
ther			
Total	109		

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries			
ther			

417
Total Receiving Interp. Serv.

417
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

6 page booklets	
opular Studies	
ource Books	

NAME Everett M Bright

TITLE Custodian.

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Reports
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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

~~Montezuma Castle~~ - ~~Montezuma Well~~ included
Name of Area

~~July~~
Month

~~1947~~
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	1
mporary			1

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
to Caravans			
lks or Hikes			
ins or Hist. House	188	1199	1 hr.
her			
Total	188	1199	

TALKS	NO.		
mpfire			
tel or Lodge			
seum (Not connected with conducted trip)			
ientation (Not connected with conducted trip)			
her (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
~~Museum (not continuously attended)~~	~~30~~	~~1378~~	~~15 min.~~
~~Orientation (connected with conducted tour but information received by those not making trip)~~	~~30~~	~~736~~	~~10 min.~~
(Give Name or Type) Total	60	2114	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
~~Self guiding nature trail~~	~~30~~	~~No record kept.~~	
~~Mont. Well self guiding trail~~	~~30~~	~~423~~	
(Give Name or Type) Total	60	423	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
adcasts			
ks			
plays and Exhibits			
lies to Inquiries	3		
her			

GOVERNMENT PUBLICATIONS SOLD (number)

page booklets	None
ular Studies	"
rce Books	"

3736
Total Receiving Interp. Serv.

2950
Total Number Visitors to Area

NAME Homer F. Hastings

TITLE ~~Custodian.~~

MARKS: (Please note below any factors influencing interpretive service, such as: seum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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120905

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Reports
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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Natural Bridges National Monument
Name of Area

July
Month

1947
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent			
emporary			1

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes	6	17	3 hrs.
uins or Hist. House			
ther			
Total	6	17	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Headquarters	22	189	1 hr.
(Give Name or Type) Total	22	189	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Headquarters	6	51	1 hr.
(Give Name or Type) Total	6	51	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
plies to Inquiries	1	2	1 hr.
ther			

GOVERNMENT PUBLICATIONS SOLD (number)

page booklets	
opular Studies	
urce Books	

267
Total Receiving Interp. Serv.

240
Total Number Visitors to Area

NAME Russell L. Malan

TITLE Acting Custodian

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

NAVAJO NATIONAL MONUMENT
Name of Area

July
Month

1947
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	1 (2 days per week)
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes SANDAL TRAIL	9	25	50 min.
uins or Hist. House PETATAKIN	1	4	150 min.
ther			
Total	10	29	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)	11	47	46
ther (Not connected with conducted trip)			
Total	11	47	

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
plies to Inquiries			
ther			

76
Total Receiving Interp. Serv.

47
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

page booklets	
opular Studies	
ource Books	

NAME J.W. Brewer jr

TITLE J.W. Brewer, jr
Custodian

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120005

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Reports
411 and 420

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

ORGAN PIPE CACTUS NATIONAL MONUMENT
Name of Area

JULY
Month

1947
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	0	1	1
Temporary	0	0	0

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Headquarters	20	32	3/4
(Give Name or Type) Total		32	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

32
Total Receiving Interp. Serv.

6287
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	
Popular Studies	
Source Books	

NAME _____

TITLE William R. Supervaugh
Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Saguaro National Monument.
Name of Area

July
1947
Month
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		2	
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther			
Total			

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Monument Headquarters.	19	138 persons, in 41 parties.	580 min. total 14.1 min. avg.
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries			
ther			

138
Total Receiving Interp. Serv.

543
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

6 page booklets	
opular Studies	
ource Books	

Don O Egermayer
NAME Don O. Egermayer

TITLE Custodian.

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Sunset Crater National Monument
Name of Area

July
Month
1947
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent			1
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Interpretive Contact	20	465	12 Min.
(Give Name or Type) Total	20	465	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Trailside Signs	31	1630	5 Min.
(Give Name or Type) Total	31	1630	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

2095
Total Receiving Interp. Serv.

2328
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME Robert F. Upton

TITLE Ranger in Charge

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

TONTO NATIONAL MONUMENT
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	1		
Temporary			

JULY
Month
1947
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins ~~of Hist. House~~	41	134	2295
Other			
Total	41	134	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	~~DAYS~~ No.		
Exhibit Room-Museum.	99	344	1020
(Give Name or Type) Total	99	344	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

378
Total Receiving Interp. Serv.

362
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

6 page booklets	
Popular Studies	
Source Books	

NAME Malcolm T. Bull

TITLE Archaeologist

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INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

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120905

Section 304
Reports
411 and 420

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Tumacacori National Monument
Name of Area

July
Month
1947
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	1
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	135	671	34.62 mins
Other			
Total	135	671	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	0	0	

ATTENDED INTERPRETIVE STATIONS	DAYS		
Contacts at registry desk in lobby, or in museum. (Information service and Interpretation combine in these contacts; all visitors except runarounds get this service.)	30	1,072	5 mins.
(Give Name or Type) Total	30	1,072	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
The museum is self-guiding; the guide does not station himself in museum, but is located in lobby when not on ruin trips or working at something else; he orients visitors in museum, turns on lights, etc.	30	1,057	10 mins.*
(Give Name or Type) Total	~~30~~	1,057	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	1		
Other			

2,800
Total Receiving Interp. Serv.

1,095**
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)	
16 page booklets	none
Popular Studies	"
Source Books	"

NAME Sallie Pierce Brewer

TITLE Act. Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

* Estimate
** Including 23 runarounds

Power failures made it impossible for visitors to see museum for part of 4 days during month

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Tusigoot National Monument
Name of Area

July
Month

1947
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	One		
Temporary	One		

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	312	1259	23 min.
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)	327	1201	22.4 min.
Orientation (Not connected with conducted trip)	355	1350	4 min.
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Walks			
Displays and Exhibits	15		
Replies to Inquiries			
Other			

3810
Total Receiving Interp. Serv.

1361
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	
Popular Studies	
Source Books	

NAME Roland Richert

TITLE Roland Richert, Acting Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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JUL 8 1947

120905

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Walnut Canyon National Monument
Name of Area

July
Month
1947
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		One(part-time)	One(part-time)
Temporary			One(part-time)

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	14	116	1 hr.
Other			
Total	14	116	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Overlook at Administration Bldg.	30	2,992	1/3 hr.
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Ruins Trip	30	2,209	1 hr.
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

3,108
Total Receiving Interp. Serv.

3,307
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME Paul L. Beaubien

TITLE Custodian

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120905

ection 30
Reports
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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

WHITE SANDS NATIONAL MONUMENT
Name of Area
ALAMOGORDO, NEW MEXICO

JULY
Month
1947
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	2
emporary			1

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther			
Total			

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
MUSEUM	30	5750	
(Give Name or Type) Total	30	5750	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries			
ther			

5750
Total Receiving Interp. Serv.

Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

6 page booklets	
opular Studies	
ource Books	

NAME Paul M. Stoal,
TITLE Ranger

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INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

RECEIVED JUL 23 1947

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 5TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Wupatki National Monument
Name of Area

July
Month
1947
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	71	200	25
Other Orientation from Ruin Overlook	21	63	05
Total	92	263	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Kalakiku Exhibit	31	273	05
(Give Name or Type) Total	31	273	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

536
Total Receiving Interp. Serv.

647
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

6 page booklets	
Popular Studies	
Source Books	

NAME David J. Jones

TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

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120905

UNITED STATES
DEPARTMENT OF THE INTERIOR
National Park Service
Region Three
Santa Fe, New Mexico

August 1947

September 16, 1947.

Routing List Southwestern National Monuments Areas

	Name of Official	Date Received	Date Forwarded
Bandelier	[illegible]	9/17/47	9/20/47
Great Sand Dunes, Mosca, Colo.	[illegible]	9-24-47	9-26-47
Chaco Canyon	[illegible]	10-1-47	10-1-47
Montezuma Castle	[illegible]	10/3/47	10/6/47
Canyon de Chelly	[illegible]	10/8/47	10/10/47
El Morro	[illegible]	[illegible]	[illegible]
Aztec Ruins	[illegible]	10/16/47	10/16/47
Capulin Mountain	[illegible]	[illegible]	[illegible]
Gran Quivira	[illegible]	10/24-47	10/30-47
Arches	RFM	11/7/47	11/10/47
Region Three Office--Mr. King			

September 15, 1947.

MEMORANDUM for the Regional Director, Region Three.

Following is the narrative report for Naturalists of the Southwestern National Monuments for the month of August, 1947.

Staff Activities - General

Naturalist Dale S. King was at the office during the month except for several days of annual leave and a field trip to Chaco Canyon on August 27-28.

Archeologist Charlie R. Steen spent most of the month in the office. Two field trips were made; one to southern Arizona monuments, the second to Chaco Canyon. The first trip was made in company with Photographer George Grant and was to inspect recent stabilization at Tumacacori National Monument and to make preliminary plans for work this winter at Casa Grande. Tonto National Monument was also visited during the trip.

Naturalist Maurice Sullivan returned to duty on August 25. He was absent on annual leave the previous part of the month packing his personal effects in Maine and transporting his family to Santa Fe.

Administration - Interpretation

An unusual number of letters were written answering requests for information on Southwestern National Monument areas, as well as furnishing photographs to authors for articles to be published, or to teachers for school use.

Several monuments have reported need for signs for nature trails. There exists no facility at the present time for preparing labels suitable for outdoor use. It is hoped that most of the problems can be solved by the use of numbered stakes, but a setup must be instituted when funds are available for the printing of metal or durable labels.

Sullivan worked the last week of the month on a manuscript for a self guiding trail leaflet for Montezuma Well, edited a press release for the same area, and made distribution of library copies of the two following papers; "Habits, Foods, and Economic Status of the Sand-Tailed Pigeon", and "Pocket Gophers of Arizona". Considerable routine matters had accumulated for attention during his absence.

September 5th, 1987.

Dear Mr. Hughes,

Following is the preliminary report for Subscription of the Grandmasters Festival tournament for the month of August, 1987.

Start Participation - Incorrect

Unfortunately Castle T. Flint was at the office during the month August for several days of normal hours and a first help to their troops on August 27th.

Organizational Castle T. Flint right about it for the month in the office. The Flint Office Have Help on Invoices Individual Accounts, the Imperial to Chase Company. The first help was made to company with Marketing Director Service Trust and was to Discuss Present Profitability of Management Institute at Trumbull and to make preliminary plans for work this office at Flint Temple. Joyce Hillcrest Movement was also visited during his trip.

Personalities Castle T. Flint right about it for the month in the office. Be sure Should Have the Imperial Accounts Individual Accounts to Chase Company with Flint Help on Invoices Individual Accounts.

Administration - Incorrect

On account Castle T. Flint was written recommending the Investing in Individuals Trumbull Company Grand, he will be Providing Accounting to Chase Company for writing for the Trumbull Office Service Trust and Management Institute Hillcrest Movement.

Personnel Recommendations have requested Dean for Flint Service Trust. There Nature on Facility at the Imperial Time for Providing Invoices for the Company Dean. It is Grand Dirt Trail of Old Providing are be Water by the Use of Numbered Grades, but a Patio must be Installed When Check are available for Use Parking of Metal or Chain Invoice.

Problems Service the Last week of the month on a Responsible for a Self Fitting Trail Imperial for Investing Hall, Office a Grade Problems for the Same Area, and Main Distribution of Library Grades at the Two Building Imperial, Office, and Chase Statement Status of the Commercial Library, and Trumbull Imperial of Library." Investigate Position Welding and Accounting for Withdrawing Service the Chairman.

Public Relations and Interpretive Services

An article on Tuzigoot National Monument by Jolma Harrington, temporary ranger archeologist at Grand Canyon, was read and approved. A release for the press giving results of depth measurements on Montezuma Well was corrected. The release was prepared by the local staff at Montezuma Castle.

Research and Observations

The staff members of the Museum of Northern Arizona made careful measurements from a boat on the depth of Montezuma Well. The bottom of the Well was found to be a shallow saucer shape, with a maximum depth of about 55 feet near the center.

A rather complete set of bibliography cards was received from the Custodian, Casa Grande. These cards represent a great deal of work on the part of Archeologist Schumacher there, and he is to be complimented.

On a field trip through southern New Mexico Archeologist Steen and Photographer George Grant visited the historical old town of Shakespeare. Photographer Grant made some excellent exterior pictures of the two or three historic buildings, which are in private ownership, and are receiving good care. One of the most interesting features there is a fine example of puddled caliche wall in the Stratford Hotel.

Region Three Office Loan Library

Accessions for the month were 18 books, 29 pamphlets, and 40 periodicals, making a total of 85.

Naturalist Sullivan carried on correspondence to obtain additional biological numbers for the library.

The editor of Arizona Highway's Magazine was approached to continue the free subscriptions of the magazine to the various national monuments throughout the Southwest. He gave affirmative answer.

Southwestern Monuments Association

Page proof and proof for the three-color cover were received and returned to the printer during the month for the forthcoming publication "Poisonous Dwellers of the Desert".

Considerable time was spent, partially on personal time, in editing the manuscript for "Excavations at Montezuma Castle" by Earl Jackson, and Sallie Pierce Brewer.

It was decided not to continue with attempts to publish a manuscript on White Sands. This manuscript was prepared by a former employee who plans to publish it on a personal basis.

During the month of August, Treasurer Alan C. Vedder worked 17 days. Much of his time was spent on the usual routine of writing letters, purchase orders, taking care of the daily mail, making deposits, bank reconciliation, and the usual disbursements, consisting of 36 items. The remaining time was spent on figuring inventory for the fiscal year-end June 30. This month he mailed 113 covers, including 27 letter, 17 purchase orders. Two deposits were made; one pertaining 12 items, one 121 items. Additional time was consumed by such activities as making stencils, counting and stamping business reply cards, and filing the latter which are increasing in number.

Visitors

Custodian Pinnowries and Ranger Enstett of Bandelier, Doctor John McGregor of the Illinois State Museum, and Doctor W. W. Penny, geologist from the University of Michigan.

Ruins Stabilization

Much needed stabilization activities on Tyuonyi Ruin at Bandelier National Monument were started.

Further correspondence was had with a corporation making supersonic equipment in an attempt to obtain a device by which bats can be discouraged from roosting in the ruins of the Southwest.

A heart-breaking catastrophe occurred at Chaco Canyon National Monument, some time during the night of August 22-23. Rains earlier in the week had soaked into the ground and a heavy rain late in the afternoon of the 22nd formed a flash flood that flowed down the short draw east of Chetro Ketile. As nearly as can be determined the flood dammed the arroyo at a head near the old excavation dump which extends from the northeast corner of the ruin.

A second flash flood, from another rain later in the night, formed a shallow lake between the ruin and the cliff. Water drained into the north tiers of rooms, which were excavated below ground level. The water soaked the adobe mortar of the walls and 40 walls collapsed. Among these was about forty feet of the fine north wall of the ruin. Dangerous cracks have formed in walls of rooms and kivas in the high central portion of the ruins.

Archeologist Gordon Vivian cleared fallen wall material from two rooms the following week and found the rooms filled, for an unknown depth, with soupy mud. This will take a long time to dry sufficiently so that workmen will not be in danger when working in the rooms. We must expect to lose more walls in the ruin.

A report of the damage has been sent to the Director with a request for emergency funds.

Technical Aid to Administrators

Rough drafts of justifications were prepared for a P-1 Archeologist at Pandelier and a P-1 Naturalist at White Sands National Monument for the 1949 estimates.

Explanation of service policies concerning taking of tips by National Park Service personnel was prepared at the request of a field man.

Various western universities were circularized to obtain names of archeologists who might be interested in P-1 positions in the National Park Service.

Projects Planned for Next Month

The staff will be in the office most of the month, except that Steen will spend possibly half of his time traveling on stabilization activities.

(SGD) DALE S KING

Dale F. King,
Naturalist.

(SGD) JOHN M. DAVIS

Approved for Distribution _____, September 18, 1947.
Assistant Regional Director.

cc: Mr. Davis.
Mr. Lodge.
Monument Circulation (2).

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Arches NATIONAL MONUMENT

Moab, Utah

August 26, 19 47

MEMORANDUM for the Regional Director, Region Three:

The follwoing is a narrative report for Arches National Monument for the month of August, 1947:

GENERAL: Travel showed a decided increase during the month, with most of the visitors stating that the article and pictures in the National Geographic was the reason for their visit. Our contacts jumped from 10 or 15 people a day to 50 and 75 people a day. Each night several parties have used the headquarters area to pitch their camps.

The custodian was on annual leave for 2½ days during the month.

WEATHER: Storms occured intermittently during the month and kept the weather unusually cool for an August in the Moab vicinity. On August 21st a cloudburst struck Moab and the surrounding country, when, according to the official gauge in Moab, .98 inches of rain fell in 40 minutes. From the amount of water which flowed through the headquarters area of the monument I would guess that 1½ inches fell at ARCHVILLE.

SPECIAL ACTIVITIES: Two trips were made to Blanding during the month. One trip to employ a laborer for trail work at Natural Bridges on August 1st and another one on August 8th to deliver a new tire for the Natural Bridges pickup.

Ranger Walker made an official trip to Walnut Canyon and Casa Grande National Monuments from August 7th to 11th to pick up surplus equipment assigned to Arches and Natural Bridges. He also picked up equipment assigned to El Morro, Canyon De Chelly, Chaco Canyon and Aztec Ruins and delivered same at Gallup and Aztec Ruins for the various areas.

COOPERATING GOVERNMENTAL AGENCIES: On August 19th Grand County Commissioner Taylor advised me that notification had been received from Commissioner Tracy of the Utah State Department of Publicity and Industrial Development that funds had been made available for the Arches road improvement. On August 21st Landscape Architects Carter and Allemann arrived to look over the proposed work. The contemplated changes and new construction were gone over on August 22nd, 23rd and 24th. Grand County has not, as yet, rec-

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL MONUMENT

Arches

Moab, Utah

August 28, 19 47

For the Regional Director, Region Three:

The following is a narrative report for Arches National Monument for the month of August, 1947:

CHEROKEE: Travel showed a decided increase during the month, with most of the visitors stating that the arches and pinnacles in the National Geographic was the reason for their visit. Our automobile jumped from 10 or 15 people a day to 50 and 75 people a day. Each visit several parties have used the headquarters area to picnic lunch supplies.

The weather was an unusual blow for 8½ days during the month.

WEATHER: Storms occurred intermittently during the month and kept the weather unusually cool for an August in the Moab vicinity. In August 1946 a cloudburst struck Moab and the surrounding country, washing out the official gauge in Moab. .98 inches of rain fell in 40 minutes. From the amount of water which flowed through the headquarters area of the monument I would guess that 1½ inches fell at ARCHVIEW.

SPECIAL ACTIVITIES: Two trips were made to Glenwood during the month. One trip to employ a laborer for trail work at Natural Bridges on August 1st and another one on August 6th to deliver a new tire for the Natural Bridges pickup.

Ranger Baker made an official trip to Salina Canyon and Cane Creek Mineral Springs from August 7th to 11th to pick up airplane equipment assigned to Arches and Natural Bridges. He also picked up equipment assigned to El Morro, Canyon De Chelly, Chaco Canyon and Aztec Ruins and delivered same at Gallup and Aztec Ruins for the various areas.

COOPERATIVE ROAD AND TRAIL AGREEMENTS: On August 12th Grand County Commissioner Taylor advised us that negotiations had been received from Central Office Treasury of the Utah State Department of Publicity and Industrial Development that funds had been made available for the Arches road improvement. On August 21st Landscape Architects Gerber and Allman arrived to look over the proposed work. The contemplated changes and new construction were gone over on August 22nd, 23rd and 24th. Grand County has not, as yet, rec-

cived the contract to be entered into with the department, but Mr. Taylor stated that funds in the amount of $16,000 were assured with more available, possibly to $25,000, if needed to complete the contemplated work. He also stated that work would probably start, with Grand County equipment and personnel, around September 15th, if Service approval is granted.

TRAVEL: Travel for the month hit a new high for Arches with a total of 907 visitors to the area in 289 cars. This figure is practically four times that for the same month last year and approximately 300 more visitors than we had during July, 1947. This brings our total for the travel year to 3623 people. Our travel represented 36 states, District of Columbia, England and Venezuela. The out of state travel exceeded the local travel by about 75%.

The Utah Wonderland Stages visited the area on two occasions with a total of 7 passengers and a group of boy's from Ansel Hall's camp were in on July 26th.

INTERPRETIVE CONTACTS: Again this month our visitor contacts showed a large increase. A total of 161 cars containing 461 people were contacted at headquarters and 87 parties of 267 people were contacted in the Windows section. Four caravan trips were taken with a total of 40 people and 7 guided hikes were taken into the Devil's Garden, Delicate Arch and Windows sections with a total of 49 people. For the last two weeks of the month an average of 3 parties a day have taken the hike into the Courthouse Towers section unattended. Nineteen requests for information were received and answered.

NATIONAL PARK SERVICE VISITORS: Regional Director Tillotson and wife visited the area on August 9th. Mr. Tillotson spent about two hours looking over the headquarters area and discussing various problems.

Landscape Architects Carter and Allenan arrived on August 21st for the purpose of looking over proposed road improvements. They left August 25th for Santa Fe. While here we let them get the feel of a pick and shovel on road repairs in the Windows section in order to bring out three cars of visitors stranded in that section after our cloudburst of August 21st.

PUBLICITY: Mr. Ladd Goodman of Portland, Oregon, photographer for "View-master", who put out three dimensional color slides and hand viewers, visited the area from August 18th to 20th. He took shots in Courthouse Towers, The Windows, Devil's Garden and Delicate Arch and stated that this series would probably be out in about 90 days.

Mr. Hubert A. Lowman of South Gate, California, whose black and white pictures of Arches have been used by various publications, was in the area the latter part of the month making a color series.

cived the contract to be entered into with the department, but Mr. Taylor stated that funds in the amount of $12,000 were needed with more available, possibly to $20,000, if needed to complete the contemplated work. He also stated that work would probably start with first County equipment and personnel, around September 15th, if favorable arrangements is reached.

TRAVEL. Travel for the month hit a new high for Arvino with a total of 807 visitors to the area in 807 cars. This figure is practically four times that for the same month last year and approximately 200 more visitors than we had during July, 1956. This brings our total for the travel year to 5083 people. Our travel registered 80 states, Districts of Columbia, England and Canada. The end of state travel exceeded the local travel by about 75%.

The Utah Mountaineers Group visited the area on two occasions with a total of 7 phaetons and a group of boy's from Camp Hall in Jerry were in on July 28th.

INDUSTRIAL DEVELOPMENT: Again this month our visitor contacts showed a large increase. A total of 181 were contacting 413 people were contacted at industries and 87 tourists of 327 people were contacted in the Visitors section. Four caravan trips were taken with a total of 61 people and 7 guided hikes were taken into the Devil's Garden, Delicate Arch and Balanced Rock with a total of 42 people. For the last two weeks of the month an average of 3 persons a day have taken the hike into Courthouse Towers Double Arch was visited. Mimeograph replants for information were received and answered.

MATERIAL TAKE DURING VISITORS: Regional Director Gilmore and wife visited the area on August 26th. Mr. Gilmore spent about two hours looking over the Headquarters area and discussing various problems.

Landscape Architects Carter and Allcott surveyed an Improved Dirt for the purpose of looking over proposed road improvements. They left August 28th for Santa Fe. While here we left them put the final of a plan and showed on road repairs in the Visitors section in order to bring out those area of visitors shrouded in that section before our closing of August 31st.

VISITATION: Mr. Jack Gordon of Portland, Oregon, photographer for "Sunset Magazine", who put out three dimensional color slides and land stereos, visited the area from August 24th to 26th. He took shots in Courthouse Towers, The Windows, Devil's Garden and Delicate Arch and states that this series would probably be out in about 60 days.

Mr. Edward A. Dawson of South Dorp, California, whose hobby is the collection of Arches have been sent by various publications, was in the area the latter part of the month making a color series.

Mr. Frank Wise of Salt Lake City, formerly photographer for the L. D. S. Church, now connected with the Deseret Book Co., spent several days covering the area for pictures to be used for publicity purposes.

ROADS: Storms during most of the month made necessary continuous maintenance on the Windows road but our storm of August 21st practically obliterated several portions of this road between Courthouse Wash and Willow Flat. The storm struck at 5:15 p. m. and lasted approximately 40 minutes. During that time the retaining wall behind the quarters was washed out and 8 or 9 inches of water flowed around the residence. The road from the office to the quarters was impassable and a sheet of water flowed across the whole area. Ranger Walker left the Windows parking area at 4:30 p. m. and advised the five cars of visitors still there to leave the area immediately if it started to rain. One car got out at about 5:25 p. m. and advised us that the other four cars were evidently stranded. We serviced the stake truck and started out at 7:30 p. m. to investigate but were unable to negotiate Courthouse Wash, which was running about three feet of water. Returned to headquarters until 10:30 p. m. and tried again and were able to cross the wash which at that time had only about one foot of water. We found one car about 1/2 mile from Courthouse wash. They were campers and were all OK and asleep. Continued on to a wash about one mile beyond Willow Spring where a 36" culvert had been washed out and was impassable. We walked 1½ miles to Willow Flat and found the other three cars high but not dry. Two of the parties had food and blankets, which they shared with the people in the other car. Everyone was having a good time and did not want to return with us. We returned to headquarters at 3 a. m. The next morning we routed our Landscape Architects Carter and Alleman, who had arrived at 10:30 p. m. the night of the 21st, and with Ranger Walker and myself we repaired the road to the stranded cars and had them out of the area by 2 p. m. The road was still badly washed and practically impassable but still the visitors came, disregarding the road closed sign at the junction. On the 23rd the State sent a dump truck and two men who made a dip at the site of the washed out culvert and repaired several washouts on the roadway. That day 8 cars made the trip to the Windows. At this writing the State has a power grader working on the road and it should be in fair condition again by the 28th. This storm also put about 8" of sand in the pump and power plant room and water ran on through the balance of the warehouse.

A trip was made over the Salt Valley road on August 24th and it was found impossible to travel on the short route via Valley City due to washouts. The trip was made through Thompsons and all portions of the road were found to be badly washed. The sand down the Salt Gorge to the Turnbow cabin was in excellent shape from this storm and no trouble was experienced on this portion of the road. Hope to be able to get the County to repair this road within the next couple of weeks.

Page 5, Arches Farm, Mph., Aug., 1947

Mr. Frank Vice of Salt Lake City, formerly photographer for the I. E. C. Corps, now connected with the Deseret Book Co., took several days covering the area for pictures to be used for publicity purposes.

Notes: Storms during most of the month made necessary substantial maintenance on the Bluffdale road but by August 11th practically obliterated several portions of this road between Courthouse Rock and Willow Flat. The storm started at 5:15 p. m. and lasted approximately 45 minutes. During that time the rain fell in sheets and the gullies were washed out 2 or 3 inches of water flowed around the residence. The road from the cliffs in the draw was impassable and a flood of water flowed across the whole area. Roger Miller left the Bluffdale portion area at 6:30 p. m. and advised the five cars of visitors still there to leave the area immediately if it started to rain. One car got out at about 6:45 p. m. and advised us that the other four cars were evidently stranded. We entered the area at 7:30 p. m. and started our at 7:40 p. m. to investigate but were unable to negotiate Courthouse Wash, which was running about three feet deep. Returned to Bluffdale and at 10:45 p. m. and tried again and were able to cross the wash with as that time had only about one foot of water. We found one car about 1/2 mile from Courthouse Wash. They were compose two men and 3 women. Continued on to a wash about two mile beyond Willow Spring where a 30" culvert had been washed out and was impassable. We walked 1½ miles to Willow Flat and found the other cars high and dry. Two of the parties had food and blankets, which they shared with the people in the other cars. Everyone was having a good time and did not want to return with us. We returned to Bluffdale at 4 a. m. On the next morning we contacted Arvil Carter and Allen, who had arrived at 11:30 p. m. the night of the 31st, and with Roger Miller and myself we explored the road to the stranded cars and had them out of the area by 2 p. m. The road was still badly washed and practically impassable but still the visitors came. Everywhere the road closed signs at the Bluffdale. On the 10th the Utah Road a sharp break and two cars made a dip at the also by [illegible] out several and regularly scheduled weekends on the roadway. [illegible] cars made the trip to the Narrows. At this writing the Utah Inn a [illegible] working on the road and it should be in fair condition again by the [illegible] Utah stays put about 2" of mud in the pump and power plant [illegible] through the kindness of the warehouse.

A trip was made over the Salt Valley road on [illegible] it was found impossible to travel on the short route via Bluffdale and so the westside. The trip was made through Draper and all portions of the road were found to be badly eroded. The road down the East Canyon to the Provo road was in exceptionly shape from this storm and no trouble was experienced on this portion of the road. Hope to be able to get the county to repair this road within the next couple of weeks.

PUBLICATIONS: The following free publications are on hand:

Arches Mimeographed Leaflets	500
Natural Bridges do	225
Glimpses of our National Parks	65
N. P. Location Map. No. 5	2
N. P. Location Map. No. 6	503
SWAM Folders	4

(in trip.)

Russell L. Mahan
Custodian

RECEIVED
SEP 2 1947

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
AZTEC RUINS NATIONAL MONUMENT
AZTEC, NEW MEXICO

24 August 1947

MEMORANDUM for the Regional Director,
Region Three, National Park Service.

There follows the report of activities for Aztec Ruins during July 1947.

WEATHER. Extremes for the month, beautiful clear hot days with the Monument crowded with visitors, and chilly, windy, rainy days of cloudburst proportions when few visitors braved the weather. More precipitation has been recorded this month with 3.29 inches than any previous month during 1947. On the 22nd 1.40 inches rain fell in a tremendous cloudburst that swept out the small local bridges and one main bridge on the Aztec-Farmington highway. All thru traffic has been routed south of Aztec via Bloomfield to Farmington and Gallup.(The drainage ditch still functions dispite the deluge and great amount of water that ran over and into it).
Maintenance. Because of the large amounts of rainfall we have had considerable work to complete in the ruins structures. Some activity has been placed in keeping the drainage ditch open during flooding from surface rain water. Blocking of the sewage line from the public comfort stations has forced the closing of these for a week during which time we have dug a new cesspool.

VISITORS. Dr. Reed, Mr. Carlson and Mr. Cook from Region Three Office visited during the month. We enjoyed a visit from the San Cristobal Valley School, with teachers and students. Numerous Navajo, Ute and Pueblo Indian Groups have also visited the Ruins this month.

Interpretive Services. There were 2142 visitors conducted in 322 trips thru the ruins and 3076 visitors in 410 parties shown the museum.

INCREASE IN TRAVEL. An increase of 20% in travel this August over August 1946 is reflected by our total travel of 3076 visitors for this month. These people arrived 918 cars from 41 states, Washington, D.C. and fi ve foreign countries, Canada, Argentina, Brazil, Denmark and Norway.

PUBLICATION REPORT.

16 page pamphlet, on hand ------ 799
Free, 2-fold leaflet, on hand - 125

Irving D. Townsend,
Custodian.

AZTEC

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

AZTEC RUINS NATIONAL MONUMENT

AZTEC, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

August 28, 1947.

MEMORANDUM for the Regional Director, Region Three.

There follows a report of the activities at Bandelier National Monument for the month of August, 1947.

Weather

Showers and thundersterms beginning on August 8 and continuing intermittently through the rest of the month brought the end of our extremely dry summer. The Rito de los Frijoles and other streams have resumed a normal or somewhat-above-normal flow, the falls again have water to "fall", and vegetation has revived. The fire weather danger reached zero on one day.

Administration

Fred W. Binnewies, formerly chief ranger at Mammoth Cave, entered on duty as custodian on August 3. He spent August 4, 11 and 22 in the Region Three Office.

August 7 was spent at Los Alamos discussing special use permits with Mr. DeLuzio of the Atomic Energy Commission. We are attempting to eliminate all permits except those of permanent need and consolidate the remainder on a longer-term basis than the present yearly basis.

The custodian attended the memorial services at the Museum of New Mexico held at Santa Fe on August 24 in honor of Dr. Hewitt. Dr. Hewitt did some of the earliest excavating of the Bandelier ruins.

Maintenance

Bandelier's electric power system continues to require a great deal of attention. The Diesel plant is still at Los Alamos undergoing repair and Los Alamos has furnished us with a replacement plant to carry the load in the meantime. The repair of short circuits in

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

BANDELIER NATIONAL MONUMENT

SANTA FE, NEW MEXICO

the Lodge light system required some time of the maintenance-man. The replacement of motors in the Lodge refrigerators was necessary during August.

Difficulty with the monument telephone system was experienced as a result of a severe bolt of lightning. The replacement of two transmitters and the installation of one ringing coil solved the difficulty. The procurement of two surplus phones from Los Alamos gives us replacement parts.

The advent of rainy season has made it possible to more effectively blade the approach road with the tricycle grader, although the rains complicated the maintenance problem by heavily washing dips and ditches in many places. Many of the headwalls were badly washed and will be repaired or rebuilt. The culvert in the Canyon del Buey was relocated after being heavily washed. However, the roadbed itself is in excellent condition in most places.

Utilities

A conference of Forest Service officials, Mountain States Telephone Company executives, and Assistant Regional Director Davis and Custodian Binnewies of the National Park Service was held in Albuquerque on August 29 to discuss the possibility of a direct telephone line from Bandelier to Santa Fe. The prospects of the construction of the line to the Bandelier headquarters by Mountain States are favorable and a new line to Santa Fe via the Otowi Section seems to be assured. This will replace the present unsatisfactory Forest Service line to Espanola and with the construction of a short line from the San Miguel Lookout to hook on to the monument line the 40 to 50 miles of line to Canada can be eliminated.

Additional confirmation that the Atomic Energy Commission will refuse to consider any hookup by Bandelier to their electric power line was received in the form of a letter from the Chief of Operations. Security reasons were given as the basis of the refusal.

Maintenance-man Valencia made a flying trip to the Grand Canyon August 23 to 26 to pick up two 7.8 KW three-phase-four-wire light plants to supplement the Diesel light plants during periods of light load and during the winter.

Stabilization

The stabilization program began on August 20 in Tyuonyi on the north side of the passageway. The project outline includes the clean-up of rooms to floor level or foundation bottom (if needed), stabilization of walls with soil cement, removal of loosened mortar and repacking of walls, resetting stones too loose to pack, and resetting fallen stones. No plastering is being attempted. To date three rooms

the Lodge light system required more time of the maintenance-man. The replacement of motors in the Lodge refrigerator was necessary during August.

Difficulty with the monument telephone system was experienced as a result of a severe lack of lightning. The replacement of two transformers and the installation of one ringing coil solved the difficulty. The permanent of two surplus phones from the Alumni Fund to replacement parts.

The advent of relay service has made it possible to more effectively blade the apparatus room with the original trailer, although the rules complicated the maintenance problem by heavily wooding ridge and timber in many places. Many of the beeches were badly wasted and will be replaced or removed. The culvert in the Canyon del Muerto was replaced after being heavily washed. However, the flooded Hawk is in excellent condition in most places.

Utilities

A conference of Grand Canyon officials, Santa Fe Railroad Company executives, and Assistant Regional Director Davis and Custodian Simmons of the National Park Service was held in Albuquerque on August 22 to discuss the possibility of a direct telephone line from Seligman to Grand Canyon. The progress of the construction of the line to the Parashant headquarters by Coconino County and the Bureau of Land Management was discussed. It was the Grand Canyon terminus to be started. This will replace the present unsatisfactory circuit during June to Grand Canyon with the construction of a short line from the Bar Ten Ranch to Jump in the vicinity of Pine Lake. Trouble reasons were given as the basis of the request.

Additional construction that the Santa Barry Commission will raise to consider any moving by Commerce to their electric power line was received in the form of a letter from the Chief of Operations.

Maintenance-man Valencia made a flying trip to the Grand Canyon August 18 to 21 to pick up two 7.5 KW three-phase-four-wire light plants to supplement the diesel light plants during periods of light load and during the winter.

Beautification

The beautification program began on August 20 in Tyanyi on the north side of the Canyon. The project entails installing the plantings of vines to floor level or foundation shrubs if needed, beautification of walls with soil mound, removal of diseased shrubs and replacement shrubs. No planting is being attempted. To date three rooms

have been completed and three more started.

Travel

Visitation for the month of August fell below that of July of this year contrary to expectations, but we barely managed to eke out an increase of 13 visitors over the travel of August, 1946. To date the travel for the travel year is the highest for this time of year in Bandelier history.

The percentage of new visitors compared to re-entries was high at 80%. The campground use by overnight campers was the highest since 1940.

Visitors of Note

Bandelier was honored during August with the visit of several noted archaeologists including Dr. A. V. Kidder, Earl H. Morris, Spencer L. Rogers, and Dr. Jesse Nusbaum. Mr. Dan Kelly of the Board of Directors of the Laboratory of Anthropology and the Museum of New Mexico visited us on the 17th.

Foreign visitors included those from Canada, Belgium, Norway, and India.

Interpretive Services

Interpretive contacts showed an increase over July despite the slight drop in travel. The number of people through the ruins showed a 20% increase over last August with the total number of visitors about the same.

The evening lecture program proved worthy of the extra time spent as it attracted 914 people during the month and a total of twelve different programs were used.

Fish and Wildlife

The drying-up of Frijoles Creek due to the extremely dry July weather made it necessary on August 1 to move the fish stranded in lower pools to the upper portion of the stream in the vicinity of Ceremonial Cave. The stream is again flowing normally to solve this particular problem.

Many deer were seen in and near the Headquarters area during the month. Frequently seen were a doe with two fawns and three two-year-old bucks. Visitors were cautioned about feeding the deer and the posters to this effect have been kept posted in all public rooms.

Forest Protection

The tent caterpillars have been increasing on the cottonwoods in

the campground in spite of the spray job in July. Additional materials for re-spraying are now being awaited.

The "high fire danger" posters have been removed from the roads and trails following the frequent heavy rains during the past two weeks.

The first fire of the season was caused by lightning on August 8 and involved 2.1 acres of sparse timber and grass on the south side of Lummis Canyon across from Corral Hill. A second one tree fire was discovered in the same locality by the suppression crew on the first fire on the same day. Suppression costs of the two fires were $51.51 and $7.87 respectively.

A third lightning-caused fire was discovered on August 12 on an inaccessible point on the north rim of Frijoles Canyon just a short distance above the Ceremonial Cave. The cost of this fire, located just outside the monument boundary, was $29.12. This fire burned through 1.69 inches of rain which kept it from spreading but did not put it out.

Protection

Routine patrols made during the month were two to the Upper Crossing and four to the Otowi Section. The Upper Crossing area is receiving heavy use for camping and picnicking, but fishing is not as heavy as in July. The patrols revealed no evidence of vandalism, although four people were found on August 24 holding target practice just within the south boundary of the Otowi Section. Inquiry revealed that they did not realize that they were on the monument and brought to our attention that Los Alamos people can drive onto the monument area without seeing a National Monument sign. Additional boundary signs in that area will be placed to remedy this deficiency.

Cattle have been discovered grazing on both sections of the monument during the month and have been removed. A complete patrol of the boundary fence was started to discover where the livestock gained admittance.

Personnel

Fire Control Aide James H. Brooks was terminated August 3, Fire Control Aides Orem and Toribio were terminated August 15, and Fire Control Aide Ollie Wendland will be terminated as lookout on August 31. Laborers Tafoya and Roybal were released August 1. Sam Orem and Cres Toribio were rehired for work on the stabilization project. Augustine Pino was terminated as laborer leadman on rehabilitation work and reappointed as laborer on roads and trails.

Concessions

The Frijoles Canyon Lodge reported generally good business with the exception of a few days in the middle of the month. There were 757 lodgings

and 3373 meals were served.

Difficulty was experienced with getting sufficient help, particularly dish-washers and maids, so that it was necessary for others to help out as needed.

Free Publications on Hand as of August 30, 1947.

Glimpses of Our National Parks	226
Map, Location (Southwestern)	790
Map, Old Southwestern Monuments	200
Monument Nacional de Bandelier	4215
Sixteen-page Bandelier Booklets	870
Two-fold Bandelier Leaflets (Old)	860
Two-fold Bandelier Leaflets (New)	16500

Fred W. Binnewies

Fred W. Binnewies,
Custodian.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL MONUMENT
Canyon de Chelly National Monument
Chinle, Arizona

August 26, 1947
19

MEMORANDUM for the regional Director, Region three

The following is a report of activities at Canyon de Chelly National Monument during the month of August, 1947.

Weather Conditions

The long hot and dry spell continued into early August when it was finally broken by showers in the higher areas and finally around headquarters. We have had nine good showers totaling 2.67 inches of moisture. The largest one came during Ceremonial time and put the roads in almost impassable condition. This greatly affected our months travel as this is genemally our heaviest period. Another good rain came on August 21 and 22 which affected the visitors who generally visit the area at Snake Dance time. These were good rains and they have really benefited the surrounding area. Lakes and tanks are full that have been dry for years at this time of the season. Our Maximum temperature was 97 on three successive days and the minimum 66 degrees.

Administration

District Supervisor Fred Maxwell was over and we went overplans to more strictly enforce the Antiquities act on the reservation and made plans for the posting of warning signs in stragetic areas. I painted two permanent signs for the petrified forest area and mounted what Cloth signs the Navajo Service had (3) which were to be placed in the trading posts at Nazlini and Black mountain. The Navajo service has furnished me some lumber and I hope to have signs at all of the valuable sites not included in the monument.

One and a half days of annual leave was taken by the Custodian.

Maintenance

The road was dragged to White house overlook Once by the Custodian and once by Ranger Benson. Other than regular maintenance nothing much was accomplished.

Travel

After the biggest travel on record for July we had hoped also to break our record for August but roads were in such bad conditions and were not improved by the rains that visitors hesitated tackling them. The roads north to Monument Valley and Kayenta were also practically impassable and much travel that would ordinarily come this way went

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL MONUMENT
Canyon de Chelly National Monument
Chinle, Arizona

August 26, 1947

19 . .

MONUMENT for the regional Director, Region three

The following is a report of activities at Canyon de Chelly National Monument during the month of August, 1947.

Weather Conditions

The long hot and dry spell continued into early August when it was finally broken by showers in the higher areas and finally around headquarters. We have had nine good showers totaling 2.67 inches of moisture. The largest one came during ceremonial time and put the roads in almost impassable condition. This greatly affected our months travel as this is generally our heaviest period. Another good rain came on August 21 and 22 which affected the visitors who generally visit the area at Snake dance time. These were good rains and they have really benefited the surrounding areas. Lakes and tanks are full that have been dry for years at this time of the season. Our maximum temperature was 97 on three successive days and the minimum 66 degrees.

Administration

District Supervisor Fred Maxwell was over and we went overplans to more strictly enforce the Antiquities act on the reservation and made plans for the posting of warning signs in strategic areas. I painted the permanent signs for the petrified forest area and mounted what loose signs the Navajo Service had (3) which were to be placed in the trading posts at Pinlani and Lukachukai mountains. The Navajo service has furnished me some lumber and I hope to have signs at all of the valuable sites not inclosed in the monument.

One and a half days of annual leave was taken by the Custodian.

Maintenance

The road was dragged to White Houses overlook once by the Custodian and once by Ranger Benson. Other than regular maintenance nothing much was accomplished.

Travel

After the biggest travel on record for July we had hoped also to break our record for August but roads were in such bad condition and were not improved by the rains that visitors hesitated traveling then. The roads north to Monument Valley and Kayenta were also practically impassable and much travel that would ordinarily come this way went

Travel Cont'd.

around by Tuba City.

A strange coincidence is that the travel figure this year is exactly the same as last with 288 visitors. Our travel year to date is 1919 visitors as compared with 1534 for the same period last year. This Fiscal year to date shows 789 visitors while last year we had 606.

Interpretive Services

A total of 108 hours were spent in conducted tours to White house and Spider rock Areas. Thirteen hours were spent in orientation talks and headquarters contacts.

Research and Education

When not busy with guide and contact work Temporary Ranger R.K. Thomas has been busy gathering information and working on "An aesthetic appoach to Basket Maker Pictographs". It is with real regret that I will have to separate him before it is completed. However he will continue with it after he leaves and should have it ready for submission to your office for approval before Winter.

Protection Fire

Three forest fires occurred during the month. One Class B in the upper Monument Canyon area, and two in the Black Rock area. Rains coming during August have lessened the fire danger over the whole Area.

Visits by N.P.S. Officials

Forester William C. James visited the area on August 11-12 to discuss and look over the Cottonwood leaf Beetle infestation and go over forest fire problems.

Assistant Regional Director Davis, and Sam Hendricks, Highway Engineer were in August 18 - 19 looking over our roads and discussing Administrative affairs.

Visitors of Note

Mr. and Mrs. D'Hout of the French United Nations Delegation. John Henry Coon, Noted lecturer and friend of the Service. Martha Graham, dancer, Dr. and Mrs. Thomas Noble. Vice Admiral Kingman (Ret.) Elizabeth and Stuart Chevalier, novelists ("Drivin Woman") Fred Ludekins noted artist and illustrator, Mr. Galley, Artist. David [illegible]Harport, Anthropologist from Harvard.

Govt. Publications on hand

Glimpses of National Parks...29
Map folder No. 6.....325
Map folders, SWNM.....152

Meredith M. Guillet
Custodian


AUG 28 1947

August 25, 1947.

Memorandum for the Regional Director,
Region Three, National Park Service,
Santa Fe New Mexico,

There follows a report of the activities in and around Capulin Mountain National Monument for the Month of August 1947.

Visitor are estimated to be nine thousand for the month, bringing total visitors travel year to date twenty four thousand nine hundred sixty and Fiscal year thirty nine thousand nine hundred sixty,

Free publications consisting of the folders describing this Monument on hand at this date five hundred,

Moderate rains almost every day for the past week has made life rather muddy but is is just what h the Doctor ordered and we like it, possibly about one and one half inches altogather for the month This moisture has permitted the Custodian to keep the Monument Road in splendid condition throughout the Mnath.

Wild life in the Monument has been doing nicely The Squirrels will have plenty of acrons but no pinon nuts for storage this winter, the Deer have a well balanced forage and plenty of it,

A splendid crop of wild cherries this season on the Monument and they are just now ripe this is where this Monument received its name " Capulin" is wild cherries in Spanish,

This season the Custodian here has demonstrated that Strawberries can and is being raised by the bushel in Capulin,b Truly this is a strawberry country when irrigated,

Very Respectfully,

Homer J,Farr,
Custodian,

RECEIVED
MAY 22 1941

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
CASA GRANDE NATIONAL MONUMENT
COOLIDGE, ARIZONA

August 25, 1947.

MEMORANDUM for the Regional Director,
Region Three.

There follows the narrative report for Casa Grande National Monument for August, 1947.

GENERAL: "And the Rains Came." That the rains finally came is the great news of the month. After no rain to speak of since December, it has rained every week this month. Yet the water pumping situation is still critical. A well on the property west of the Monument was lowered another 150 feet. The water table at that well on July 27 was at 92 feet. The Phoenix newspaper reported that in the Salt River Valley the water table was the lowest since 1920. Many wells have gone dry.

WEATHER: This month has been cooler than July. There were two days when the maximum temperature reached 113 degrees, but since Aug. 7, the temperature has read in the 90's and 100's. The nights have been cool, with the minimums reading in the high 60's and 70's. It rained ten times during the month, mostly between Aug. 4 and 9. The total rain fall for the month is 2.02 inches.

ADMINISTRATION: Mr. Schwenn of the Tucson Roofing and Supply Company brought his foreman in on Aug. 5 to go over the roofing job in the Utility Area. He said he would be back in a few days, but he has not made an appearance as yet. He took a Rex No. 31 side arm hot water heater with him for Tumacacori.

On Aug. 14 and 15 the W.A.A. picked up all the declared property consisting of: 1 crane shut-off valve, 3"; 4 syphon valves, 7 floor furnaces, and 1 addressograph. On Aug. 16, Georges Tire Shop who was the highest bidder, picked up the scrap material from the surveys. The turret trainers were picked up at Fruchoff after the dump beds had been installed.

VISITORS: Aug. 1947- 1,717; Aug. 1946- 1,297. Travel year to date: 1947- 32,736; 1946- 24,423. This is an increase over 1946 as is to be expected with the increase in travel throughout the United States this year. This is also an increase over July 1947 due to the cooler weather and more people traveling through Southern Arizona.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

[illegible] NATIONAL MONUMENT

[illegible], Arizona

August 31, 1947.

[illegible] for the National Monument.
Dear Sirs:

There follows the descriptive report for Walnut Canyon National Monument for August, 1947.

Weather: Was the main theme. This is the rainy season in the Southwest and the month. Other is this it speak of these [illegible], it has rained every day this month. Yet the water pumping situation is still critical. I will go to the property next at the Government Dam [illegible] Dam. The rains fields at least we only to be [illegible] The Indian Service reported that is the only [illegible] the rains while the Dam's also [illegible]. They will have some dry.

Visitors: This month has been rather hot. There were few days when the average temperature reached 110 degrees, but since [illegible], the temperature has been in the 90's and 100's. The night [illegible] were cool, with the minimum reading in the high 60's and low 70's. It rained the [illegible] during the month, mostly between [illegible]. A and 1. The total rain fall for the year is 2.01 inches.

Administration: Mr. [illegible] of the Navajo Monument has [illegible] the Ranger [illegible] Forrest is on [illegible]. S is [illegible] for is the [illegible] time. He will be [illegible] to [illegible], but as he's not [illegible] as [illegible]. In [illegible] [illegible]. He [illegible] with the Indians.

Mr. [illegible] is out in all the National property [illegible] a [illegible] road-oil rules, 3", 4 cylinder engine, 4 [illegible] Purpose, and 1 [illegible]. In July, 1, Rangers Tirs [illegible] the [illegible] Ranger, [illegible] on the [illegible] from the survey. The [illegible] windows were [illegible] by an [illegible] [illegible] the [illegible] and [illegible] installed.

Visitors: [illegible]. 1947- 1,747; [illegible]. 1946- 1,337. Travel [illegible] time: 1947- 22,738; 1946- 19,611. This is an increase over [illegible] as it [illegible] be counted with the increase in travel through the United [illegible] this year. This is due to [illegible] over 701 [illegible] by the regular [illegible] and more people traveling through [illegible] visitors.

INTERPRETIVE SERVICES: Of the 1,717 visitors to the area, 1,009 made the Ruins trip in 136 parties averaging 47 minutes per trip. 991 made the Museum trip in 129 parties staying on the average of 24.7 minutes. 708 people came to the area but found it too hot and did not go out to the Ruins. 9 Members of the Armed Forces are included in the above trip totals.

MAINTENANCE: The kitchen in Quarters No. 2-4 was painted, and the kitchen, dinnette, service porch and bathroom of Quarters No. 4-4 was painted. The new electric hot water heater was installed in Quarters No. 4-4.

Archeologist Schumacher has checked and brought up to date the Office files pertaining to the Naturalist and Interpretive end. The Casa Grande photograph file has been checked and also brought up to date.

TRIPS TAKEN: On July 31, Mechanic Stonehocker, Archeologist Schumacher and Maintenanceman Barnett went up to Phoenix to pick up the dump trucks at Fruchoff, but due to strikes, the trucks were not ready. Maintenanceman Barnett brought the trucks back hereon Aug. 14 and 15, making two trips to Phoenix, one on his own time.

LEAVES TAKEN: Mechanic Stonehocker took one day optical leave on July 25 and went on Annual Leave on Aug. 1. Ranger Schuft also went on Annual leave on Aug. 1. Archeologist Schumacher took one day sick leave on Aug. 8.

N.P.S. VISITORS AND VISITORS OF NOTE: On July 27, Dr. Gloyd of the Chicago Academy of Science made a visit to the ruins. Custodian Egenmyer was in here on July 30 to pick up a motor pump and have his water tanks repaired. On Aug. 8, 28 Boy Scouts, Santa Lucia Area Council, from San Louis Obispo, California, visited the ruins on their 3,300 mile trip in a bus. Aug. 11, Ranger Fulton from Saguaro brought in the Chevrolet panel truck and the Ford dump truck, and took back with him the turret trainer I-31788-N.P.S. 33-4457. On Aug. 12, Custodian Supernaugh dropped in on his way to White Sands and picked up a Ford Motor. Mr. Rockfellow, son of the man who carved his Delta Psi in the Ruins, visited the area with his party on Aug. 15. On Aug. 17, Ranger Rigenbach and the Maintenanceman of Organ Pipe Cactus brought in the Soil and Moisture pickup and horse trailer for repairs. He left for Grand Canyon with the stake turret trainer to pick up the light plants. He returned here, to pick up the load of lime and his pickup truck, on Aug. 21. He left a light plant, phones, and materials for Wupatki at this area. Two photographers from Western Ways of Tucson were in on Aug. 20, taking pictures, and Charlie Steen and Photographer Grant were here on Aug. 21 taking shots of the ruins. On Aug. 21, Custodian Sharp and Ranger Bull were here to pick up the light plant for Tonto.

NATURE NOTES: The Barrell of Compass Cactus started blooming the end of this month and is in all its glory at present. The Jumping of Chain Fruit Cholla is still having a few individual blossoms. Two great Blue Herons were seen around the monument and canal on Aug. 20. The rains have allowed the Ocotillo to leaf out again, and a few of the Creosote Bushes are in bloom. The bats which were absent from the ruins during most of July, have reentered the ruins the latter part of this month. It seems that most of them had gone elsewhere for a time, but have returned since the rains came. Maybe the great drouth we had in the early part of the summer caused them to have to move elsewhere to seek their food. Yet so far there are defenitly fewer bats in the ruins this year than there were in previous years.

INVENTORY OF PUBLICATIONS:

	July	Aug.
Casa Grande 2 fold leaflet- (1944)	350	140
Casa Grande 2 fold leaflet- (1945) Spanish	3335	3330
SWNM Map Folders (1941)	900	875
N.P. Location Map # 6. (1944)	275	275
Casa Grande 16p. Booklet. (Sales) (1942)	848	818

A.T. Bicknell
Custodian

A.T. Blackwell
Cuestionario

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Chaco Canyon NATIONAL MONUMENT

Bloomfield, New Mexico

August 28, 19 47

MEMORANDUM for the Regional Director, Region Three,
National Park Service.

There follows the report of activities in Chaco Canyon National Monument for the month of August, 1947.

The number of visitors this month was considerably reduced because of many, and several hard, rains (see later). There were 121 less than a year ago this month, and 263 less than last month. A total of 108 hardy souls came in 35 automobiles from the states of:- California - 3 cars, 14 people; Colorado - 8 cars, 29 people; Georgia - 1 car, 2 persons; Louisiana - 1 car; 2 persons; Massachusetts - 1 car, 4 people; Michigan - 1 car, 4 visitors; Missouri - 1 car, 2 visitors; New Mexico - 9 cars, 25 visitors; Oklahoma - 3 cars, 8 visitors; Texas - 3 cars, 12 visitors; Utah - 1 car, 2 visitors and Wyoming 1 car, 4 visitors.

All of these visitors took a trip through the ruins. There were 102 full admission tickets sold, 5 children paid tax only, and one complimentary ticket was issued. No children less than 12 years of age went through the ruins this month - a record of some sort. 93 persons listened to the museum talk. Total time, Ranger - 18 hours and 30 minutes, Custodian 27 hours and 20 minutes.

The warmest day of the month was 99 degrees on the 28th of July, and the coolest was 51 degrees Fahrenheit on the 20th and 23rd of August. It rained on the 4th, 5th, 8th, 10th, 12th, 16th, 22nd and 23rd of August, and formed a total precipitation of 3.25 inches!!

The men on the fence crew stopped work early in the month. They have not been able to go back to work because of the rain and the water in the arroyo. The latter has run almost constantly. Several times the water was up six and seven feet deep.

The cattle guard, which the fence crew poured in concrete, is an example

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of the many factors, over which we have no control, which have delayed the fencing project. In order to save time, and especially money, the pits were dug out so that the concrete could be poured without the use of forms — that night, it flooded ... all the walls fell in. It was necessary to dig it all out, and build forms for the concrete!

Another example of hard work going to waste was in an arroyo where a culvert washed out. Another was put in (about three times as large as the first!) with rocks on the upstream side, wire mesh deep in the ground to hold the rocks in place and the soil thoroughly packed all around and above the culvert. One and one half hour later, the 30 foot culvert was a quarter of a mile down stream, and a gulch 14 feet wide and 4 feet deep was washed in the road. This was a different flood from the one which covered the cattle guard (see more later in Ruins Stabilization report).

Bates Wilson was up from El Morro National Monument. He brought a stove, and took back the old CCC pump house and some tarps. Ranger Walker from Aztec Ruins National Monument brought some surplus property on the 14th of the month. Other National Park Service visitors were:- Jesse Nusbaum, Superintendent Rose and Naturalist Watson from Mesa Verde National Park, Erik Reed, Dale King, Charlie Steen, Mrs. Townsend from Aztec Ruins, Engineer Leihi, James Spuhler and Evon Z. Vogt former seasonal rangers at Bandelier National Monument and others.

The successful Chaco Conference was held this month. The Custodian attended some of the meetings, saw many old friends, made new ones and learned a great deal.

Radio communication between El Morro and Chaco Canyon National Monuments has been regular and satisfactory.

The Trader reports business as usual this month. During the summer, while he had an assistant, he put anew roof on the cabins, and hauled the winter's wood. Because of the latter, he will not have to be away from the store so much this winter.

Projects for the ensuing months:- finish the cattle guard when the welder is able to come out with his trailer over the approach roads, finish the fence job when the weather allows, repair the roads, start the seeding project, and begin to button up the place for the cold weather.

At the end of the month, there were on hand:-

Free two-fold leaflets on Chaco Canyon, approximately.....8600
National Park Location Map, number 6 ....."..... 375

There follows the report of Archaeologist Richard G. Vivian.

Irving McNeil, Jr.
Custodian

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Cha co Canyon NATIONAL MONUMENT

Bloomfield, New Mexico

Aug. 28 19 47

MEMORANDUM for the Custodian,
Chaco Canyon National Monument.

There follows the report of Mobile Unit activities in your area for the month of August, 1947.

The heavy rains of the past two weeks slowed the work generally. On the night of the 22nd flood waters carrying large a mounts of debris plugged the small arroyo to the east of Chettro Kettle. This water then took a new course behind the site; formed a large reservoir here and broke into the series of rooms along the north wall which had been excavated well below ground level. Heavy damage was suffered throughout this series of 22 rooms and walls to the south were cracked by the settling of unexcavated fill beneath them.

The full month has been spent at Chetro Ketl, completing repairs to Kiva G, the rooms on the east side of the central house block, and starting work on the southwest section.

The bench of Kiva G was set in reinforced masonry cement capping last month. Work continued this month to complete similar capping over the upper walls. This is a much remodled kiva, one partially within the other, and over the eastern and southern parts two separate kiva walls were capped.

Also in this same area the walls of room 22 and 23# were carried up in cement repairs and tied into G with reinforcing. Two large holes in 22E were filled, a doorway partially rebuilt and the walls capped. Extensive repairs were made to 38E where a part of the base was rebuilt, the wall surface was patched and the top was carried up high enough to turn back surface water from adjoining fill. Work had started on 38 #, 36-37 S when they were damaged by the flood.

During the month all exposed timbers in the site were treated with the permatox-A preservative.

Work was also completed in seven rooms in the southwest section of the excavated area. The walls here, fronting on the

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NATIONAL MONUMENT

...field, New Mexico

Aug. 19, 42

...for the Secretary,
Chaco Canyon National Monument.

There follows the report of public work activities in your area for the month of August, 1942.

The heavy rains of the past two weeks slowed the work materially. On the night of the 22nd flood waters carrying large amounts of debris plugged the small arroyo to the east of Chetro Ketzia. This water then took a new course behind the site; formed a large reservoir here and broke into the rooms of rooms along the north wall which had been excavated well below ground level. Heavy damage was suffered throughout this section of 32 rooms and walls to the south were crushed by the settling of unexcavated fill beneath them.

The fill south has been spent at Chetro Ketl, completing repairs to Kiva C, the room on the east side of the central house block, and starting work on the southeast section.

The bench of Kiva B was set in reinforced masonry cement coping last week. Work continued this week to complete similar coping over the upper walls. This is a week troubled kiva, one partially within the other, and over the western and southern parts two separate kiva walls were capped.

Line in this area the walls of room 25 and 27 were cleaned up in cement repairs and tied into a wall reinforcing. Two large holes in 25 were filled, a doorway partially rebuilt and the walls capped. Extensive repairs were made to 26E where a part of the base was rebuilt. The wall surface was patched and the top was capped by tile enough to turn back surface water from adjoining fill. Work had started on 32 [illegible] when they were damaged by the flood.

During the month all exposed timbers in the site were treated with the pentachlor-A preservative.

Work was also completed in seven rooms in the southwest section of the excavated area. The walls here, fronting on the

courtyard are not as high as those to the north and less patching was necessary. Capping was completed on rooms 81, 85, 88 and the south half of Kiva N also called the west tower kiva. More extensive repairs -- the necessary raising of wall tops to prevent washing, the repair of doorways and capping and wall patching were completed in rooms 73, 79, 105.

Gordon Vivian
Archeologist

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

CHIRICAHUA NATIONAL MONUMENT

Dos Cabezos, Arizona.

August 27, 1942

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities at Chiricahua National Monument for the month ending August 24.

Weather Conditions. The summer rains arrived late this year with heavy rains not starting until the first week of August. So far this month we have had 4.42 inches of rain. Some neighboring ranchers were compelled to ship cattle early this year because of the dry range, but the rains have helped the cattle situation considerably. Fortunately the Monument water supply remained adequate throughout the dry spell, which some old-timers described as the driest period in their recollections.

Maintenance. Operator Marble completed partitioning off a section of the garage for use as a separate storage for fire equipment. A number of days were spent by the local force in building an additional drainage for the sewage disposal system. This did not turn out to be quite as big a job as was originally anticipated so it could be done by the regular force with very little cash expense. Heavy rains did considerable damage to the roads and trails, thereby requiring extensive grading and hand work in reconstructing the washed-out areas.

Approaches to Monument Area. Approach roads have been worked on since the rains, but visitors complain that they remain as rough as corduroy roads in spots.

Interpretive Service. It was thought that the Happiness Tours would resume their visits to the Monument, but apparently the agency could not muster up enough sight-seers to warrant a special train through Willcox, the nearest rail-head to Chiricahua. The trouble seems to be that they planned their ~~trips~~ on a weekly basis rather than on a bi-weekly basis as last year. Two ranger-led hikes through the Heart-of-Rocks area and two through Echo Canyon were conducted during the month. The custodian spent two hours with an auto caravan of 41 visitors from the University of Arizona.

Museum Activities. Plans were drawn up for a geological exhibit and were submitted to the regional office for approval. There is a definite need for an exhibit of this type since Chiricahua was originally set aside for it's geological interest.

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NATIONAL MONUMENT

Increase in Travel. During the past month 1452 visitors were registered at Monument headquarters. For the first time this year this shows a loss from the corresponding month of last year. Statistics for the travel year show a 41% increase over travel last year at this time.

Visitors. Archeologist T.J.F. Schumacher and family of Casa Grande spent a day visiting the area. We are very grateful for the archeological assistance which Mr. Schumacher was able to give us in relation to the Apaches.

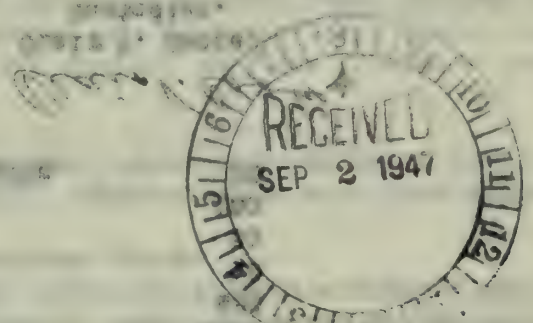
Ranger Service. Although we were happy to learn of Ranger Sharp's promotion to Custodian of Tonto National Monument, we were sorry to see him leave Chiricahua the early part of the month.

Forest Fire Protection. A lightning-caused fire near the northeast corner of the Monument on August 12 required a two-man detail to bring it under control. Fortunately only .1 acre of forest was burned. Fire Lookout Windas was brought down from Sugar Loaf Lookout on August 15. Forest Service lookouts in the Chiricahuas came down a week earlier.

Publications on Hand.

2 fold leaflets, English	2400
2 fold leaflets, Spanish	1800
Mimeographed sheets	400
Location Map #5	15
Location Map #6	50
National Park Briefs	150
Glimpses of Our National Parks	35

Clair V. Cooke,
Custodian.


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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

El Morro NATIONAL MONUMENT

Ramah, New Mexico

August 26th, 19 47

MEMORANDUM for the Regional Director, Region Three.

There follows the report of activities in El Morro National Monument for the month of August, 1947.

WEATHER: During this month we have had every type of weather listed in the book. The maximum reached a near record of 93 degrees during the first half of the period which was an unusually dry two weeks for August. From the 13th. through the 25th. we have been drenched daily by 6.31 inches of rain and the minimum temperature dropped to 48 degrees. High winds, dust storms, cloudbursts, slow drizzles, extreme heat and cold gave us a month of weather which was anything but monotonous.

TRAVEL: Visitor count up to the 13th equalled the total for the month of August 1946, but from the 13th on very few visitors, except "R.O. MUD DRIVERS" have attempted our roads. A total of 187 people arrived at the area in 50 cars, and 18 states and one foreign country were represented. The tour of the inscriptions was made by 156 people in 34 trips and 29 of these people went on top . Total guide time amounted to 34 hours.

APPROACH ROADS: At the present time there is only one approach road which might be called open to El Morro. Two bridges were washed out on the 23rd. and the only route without a washout is that from Grants, via San Rafael and the Ice Caves. However this route is studded with lakes which the ordinary tourist is unable to navigate.

NPS VISITORS: Mr. John Davis and Mr. Sam Hendricks, Highway Engineer, visited the area on the 20th. Trails and roads were inspected and maintenance discussed. Their visit was a very short one but we enjoyed seeing them and discussing problems in the area. Our regular 3 PM rain started as they were leaving for Grants and Mr. Davis put the Custodian to shame by expertly navigating the 16-mile mud stretch without chains. He did a little rabbit hunting along the way, but never lost momentum.

GENERAL: On the 13th. a trip to Chaco Canyon was made to pick up a CCC prefabricated building. This building will be used as a power plant house. With very few visitors arrivinf during the last two weeks time has been available for a few maintenance jobs. We do not especially like the muddy roads, but when they are in this condition we are able to work on a job without being interrupted.

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NATIONAL MONUMENT

Number of copies of free publications on hand at the end of August, 1947.

2-fold Spanish edition----------3735

2-fold English edition---------- 866

16-page Booklet----------8046

Bates R. Wilson.

Bates R. Wilson,
Custodian.

Number of copies of free publications on hand at the end of August, 1947.

16-page Booklet----------30¢

8-fold regular edition----------6¢

3-fold Command edition----------2¢

GRAN QUIVIRA

GRAN QUIVIRA, NEW MEXICO

AUGUST - 1947

The following is a summary of activities for the month of August, 1947.

Visitors this month totaled 439
Travel year to date 2294

Weather. Very pleasant in regard to warmth and rainfall. Precipitation this month totaled 4.77 inches of rain. The upland and fields have taken on new life and numerous varieties of large and small mountain flowers are to be seen everywhere - quite a contrast to the parched desert appearance of about 30 days ago. Also, we now have sufficient water in the cistern to take a bath occassionally. High temperature for the past month was 92 and low 51.

Roads. Both approach roads are in very poor condition. The State Highway maintainer has been completely out of operation for the past 60 days due to some mechanical difficulties, and recent heavy rains in some areas make travel most difficult.

Travel. Visitation continues to show an increase over all previous months in spite of poor roads. Instate visitors numbered 287 and outstate visitors 152. There were a total of 90 cars with instate numbering 60 and outstate 30. The continued increase was definitely due to heavier out of state travel. 14 people walked out to the monument.

Guide and Contact Service. A total of 439 visitors were conducted through the ruins in 90 guided tours. The average time spent by each party was 62 minutes. Total contact time of 92 hours, 50 minutes.

Special Notes. The August 19, Region Three Office Staff Conference Minutes mentioned a letter from Dr. Paul H. Fluck in which he stated that he had visited all of the 170 areas in the System and gave Lehman Caves, Gran Quivira and Joshua Tree his highest rating. The custodian is deeply grateful for the Doctor's kind words. A requested conducted tour, of this ancient mission, at 1:30 in the morning, of Dr. Fluck and party, may have some bearing on the high rating we received.

Maintenance and Administration. Recent rains caused a tremendous growth of weeds in all rooms of the mission, and deweeding, as time permits, is now underway. The drainage ditch along the entrance road to the monument has been cleaned out and holes in the road filled.

Publications Report. 900 Gran Quivira two-fold leaflets on hand. No other free or for sale publications on hand at this monument.

Everett W. Bright

Custodian.

GRAM CLIFTON

GRAM CLIFTON, NEW MEXICO

AUGUST - 1947

The following is a summary of activities for the month of August, 1947.

Visitors this month totaled 432
Travel year to date 5284

Weather. Very pleasant in regard to warmth and rainfall. Precipitation this month totaled 4.77 inches of rain. The upland and fields have taken on new life and numerous varieties of large and small mountain flowers are to be seen everywhere - quite a contrast to the parched desert appearance of about 30 days ago. Also, we now have sufficient water in the airstrip to take a bath occasionally. High temperature for the past month was 92 and low 51.

Roads. Both approach roads are in very good condition. The State Highway maintainer has been completely cut of operation for the past 30 days due to some mechanical difficulties, and recent heavy rains in some areas made travel most difficult.

Travel. Visitation continues to show an increase over all previous months in spite of poor roads. Inquiry visitors numbered 280 and notarize visitors 152. There were a total of 90 cars with license numbering 80 and outside 10. The continued increase was definitely due to heavier out of state travel. 14 people rolled out in the movement.

Cattle and Conduct Service. A total of 432 visitors were conducted through the ruins in 90 guided tours. The average time spent by each party was 42 minutes. Total contact time of 90 hours, 30 minutes.

Special Notes. The August 19, Western Union Telegraph Company Bulletin contained a letter from Dr. Paul H. Flack in which he states that he had visited all of the [illegible] areas in the Upham and Lehman Caves. Cave Natural and Todays Time was the highest rating. The overcoat is deeply grateful for the [illegible] visit. A registered mountain tour, of this weekend disaster, as [illegible] the morning, of Dr. Flack and party, may have come resting on the high [illegible] we received.

[illegible] and maintenance. Recent rains caused a tremendous growth of weeds in all areas of the cavern, and dew-ening. as time permits, is now underway. The entrance path along the entrance road to the monument has been cleaned out and [illegible] in the road filled.

Publications Report. 900 Gram Guides two-fold leaflets on hand. No other free or fee sale publications on hand at this monument.

Superintendent.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
GREAT SAND DUNES NATIONAL MONUMENT
MOSCA, COLORADO

August 26, 1947.

MEMORANDUM for the Regional Director,
Region Three.

There follows the report of activities in Great Sand Dunes National Monument for August, 1947.

WEATHER. The weather has remained rather cool during this report period with the maximum temperatures registering around 85 degrees. The minimum temperature is estimated at 40 degrees. Rains fell on August 4, 7, 11, 12, 13, 16, 18, 19, 21, 22 and 23.

The rain of August 19, was severe enough to wash out the monument road in several places, and the county approach road also suffered from rain.

The Medano took on renewed vigor from these rains and water is visible for quite a distance along the foot of the dunes. All snow is gone from the Sangre de Cristo range. Crops are still retarded in the San Luis Valley.

TRAVEL. Five thousand and nineteen visitors in one thousand one hundred eighty-one cars visited the Sand Dunes during this report period. Thirty-six states were represented, as well as Washington D.C., and Mexico. Two members of the armed force were counted.

Two thousand seven hundred fifty-two people took advantage of the camp and picnic-grounds, and of these one hundred ninety-six camped over night.

One written request for informational leaflets was received from the Colorado Advertising and Publicity Department and forty leaflets were sent.

INCREASE IN TRAVEL. For August, 1946, the record shows 600 cars and 2833 visitors.

ROADS. The approach road from Mosca was graded on July 29, August 6, 13, 15 and 16. After the heavy rains and unusual usage from the Shriners and visitors, this road is again in terrible condition. An electric automobile counter has been placed on the approach road and it is hoped that this heavy visitation to this area will persuade the state to improve the road.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
ROCKY MOUNTAIN NATIONAL MONUMENT
ESTES PARK, COLORADO

August 25, 1947.

MEMORANDUM for the Regional Director,
Region Three.

There follows the report of activities in Great Sand Dunes National Monument for August, 1947.

WEATHER. The weather has remained rather cool during this report period with the maximum temperatures registering around 82 degrees. The minimum temperature is estimated at 40 degrees. Rains fell on August 4, 7, 11, 14, 17, 18, 19, 23, 27 and 31.

The full of August 19, was severe enough to wash out the mountain road in several places, and the county equipment had also suffered from rain.

The Dunes took on renewed vigor from these rains and water is visible for quite a distance along the foot of the dunes. All snow is gone from the Sangre de Cristo range. Snows are still retained in the San Luis Valley.

VISITS. Five thousand and nineteen visitors in one thousand two hundred eighty-one cars visited the Sand Dunes during this report period. Thirty-six states were represented, as well as Washington D.C., and Mexico. Five members of the armed forces were counted.

Two thousand seven hundred fifty-two people took advantage of the camp and picnic grounds, and of these one hundred eighty-six camped over night.

One written request for information leaflets was received from the Colorado Advertising and Publicity Department and forty leaflets were sent.

[illegible] IN PARK. For August, 1946, the record shows 800 cars and [illegible] visitors.

ROADS. The mountain road from Alamosa was graded on July 28, August 6, 13, 14 and 16. After the heavy rains and cloudburst swept from the Sangres and vicinity, this road is again in horrible condition. An elevator automobile must have plowed on the mountain road and it is hoped that this heavy visitation to this area will persuade the state to improve the road.

The monument road suffered several washed out places after the rain of August 19. Three days were spent in shoveling dirt, removing rock and dragging the iron rails over the three mile stretch. There is a decided improvement in the government road over that maintained by the state.

COMPLAINTS. At present, many complain about the roads. The lower picnic area is in its usual condition in that cars can easily become stuck in the loose sand. Three loads of gravel were hauled and dumped in one hole that has caused considerable trouble.

Funds have been made available for finishing the rest-rooms at the checking station. As soon as more information is received as to flush boxes, bids may be issued on the job.

NEWSWORTHY VISITORS. The Lisle Scholarship Group of thirty-five held a picnic.

The Pueblo Motorcycle Club of sixteen members rode over Mosca Pass on twelve motorcycles, picnicing at this area.

The Buena Vista, Colorado, Round Up Lodge for Boys held a picnic for forty boys.

The Arlington, Texas, Future Farmers of America camped over night with thirty in the group.

The Shrine Ceremonial brought out four hundred fifty members for their initiation and barbecue.

Regional Director Tillotson, sister and wife paid a too short visit enroute to Santa Fe, while on annual leave.

WATER RIGHTS. Only a verbal "NO" has been received from Linger Bros., and it has been requested in writing.

MINERAL CLAIMS. As soon as time permits, the claim will be checked again at the Alamosa County Courthouse.

ACTIVITIES. Major work has been clean-up in the two picnic areas. Garbage hauling and picking up scattered paper consumes a terrific amount of time.

The draft control was installed on the oil stove in the office.

A trip was made to Alamosa for gasoline and supplies.

Both light plants were checked over and the tool box was removed because of vibration.

The movement had gotten several weeks out ahead after the rain of August 15. Three days were spent in shoveling dirt, removing rock and dragging the area with the three mile strainer. There is a decided improvement in the pavements that were not retained by the stone.

CONCLUSION. At present, many complaints about the roads. The lower picnic area is in its usual condition in that one can easily become stuck in the loose sand. Three loads of gravel were hauled and dumped in one hole that has caused considerable trouble.

Roads have been made available for finishing the recreation at the camping station. As soon as more information is received as to final dates, will be issued as the job.

RECREATION CENTERS. The Girls Athletic Group at Shirley-Dyke Park is active.

The Travis Motorcycle Club of sixteen members rode over seven jobs on twelve motorcycles, electrified all this area.

The Travis Fish, Colorado, Kennel Club lodge for Boys built a picnic for forty boys.

The Lullaire, Texas, Picture Theatre of twenty opened over night with nearly 1m the crowd.

The Florida Centennial brought two fine musical stage numbers for their initiation and entertain.

Regional Director Williams, Atlanta and wife paid a two hours visit enroute to Tampa Fe, while on annual leave.

TRAVEL REPORT. Only a report "B" has been received from Harper Dixon, and it has been requested in writing.

CLOSING DATES. As soon as time permits, the diary will be mailed each at the Atlanta Family Corporation.

ACTIVITIES. Major work has been clean-up in the 3rd district around. Surplus painting and plotting by enrollees paper consumes a terrific amount of time.

The first mutual was installed on the oil drive in the office.

A key was made to clamps for pressing and cylinder.

Both light plants were checked over and the bolt box was replaced because of vibration.

Both patio gates were repaired and painted. "Private" signs were placed on both.

Between visitors, paint was applied to the garage doors, rest-room doors and windows, and the north window and east door of the office.

Linseed oil was applied to the signs at the checking station and large post between garage doors.

Signs were lettered and painted for speed limit within the monument boundary, stop sign and directional sign at the Blanca turn-off.

Three days were spent on necessary road work.

Considerable time was spent in pulling and shoveling twelve cars out of the sand at the lower picnic area.

After the first of the month, the Dodge 4x2 will be taken to the Heide Garage for the installation of a short block.

The Labor Day week-end should be the last big spurt in travel----- we would like to catch our breath.

SPECIAL ACTIVITIES. The Shrine Ceremonial was held at Great Sand Dunes on August 16. Two large tents were erected and Shriners crossed the sand on hay wagons drawn by tractor. Afternoon rains, however, cooled off the burning sands. A total of four hundred fifty men attended the event.

Special thanks are given the Shriner clean-up crew, who did a wonderful job. It was our first chance to taste buffalo meat, and we now understand and sympathize with the Plains Indians who declare beef is tasteless. This particular buffalo was fat, tender and a juicy morsel.

The attached brochure was issued by the San Luis Valley Shrine Club and contains an excellent photograph of this area.

PUBLICATIONS. There are on hand twenty of the mimeographed informational leaflets.

Ted C. Sowers,
Custodian.

Both parts were inspired and painted. Pictured right were placed on both.

Between visitors, paint was applied to the Pergie doors, rest-room doors and windows, and the north window and west door of the office.

Linseed oil was applied to the signs at the remaining stations and large post between Pergie doors.

Signs were lettered and painted for speed limit within the community boundary, stop sign and directional sign on the Dixie turn-off.

Three jobs were given an emergency coat of paint.

Considerable time was spent in pulling and shoveling twelve cars out of the sand at the lower picnic area.

After the first of the month, the lodge hall will be taken to the Battle Barge for the installation of a night light.

The labor Day week-end should be the last big event in Swayne---- we would like to watch our trends.

BOWLING ACTIVITIES. The Spring Carnival was held at Jewel Sand Lanes on August 16. Two large teams were elected and fifteen crossed the pool at 8:00 sharp from Swayne. Afternoon rains, however, ended all the bowling cards. A total of four hundred fifty men attended the event.

Special thanks are given the Swayne clean-up crew, who did a wonderful job. It was our first chance to help Buffalo Rock, and we now understand and sympathize with the Piqua Indians who dwelers have to tackle. This particular bulkie was fat, tender and a juicy morsel.

The attached brochure was issued by the Tom Lake Valley Chamber Club and written in unspoiled photographic style.

CONCLUSION. There are one hund twenty of the stenographical information inclusive.

Yes O. Queen,
Secretary.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Montezuma Castle National Monument
Camp Verde, Arizona

August 24, 1947.

MEMORANDUM for the Regional Director, Region Three.

There follows the monthly report of activities at Montezuma Castle and Montezuma Well for the month of August, 1947.

Visitors this month - Montezuma Castle - 2570; travel year - 17,350.
Montezuma Well - 543; travel year to date 1347.

Travel count for Montezuma Well covers only the 17 days when Archaeologist Schroeder was on the area and then for six to seven hours per day.

Administration We were advised of funds for the 1948 fiscal year and find that anticipated expenses will make it difficult to stay within our limit.

On all Sundays and some week days we were confronted with the problem of having more visitors wanting to climb into the Castle than we could accommodate. A limit of nine has been recommended for safety on the ladders and to avoid overloanding the building. It takes an hour to make the trip and it sometimes happens that we have 25 to 30 visitors wanting to climb when a trip is organized. Two written complaints growing out of such a situation reached the Director's office. These were investigated and reports were submitted.

Two days annual leave was taken by the Custodian to accompany Ranger Leding on a trip to the North Rim of Grand Canyon.

Some assistance was rendered Engineer Bardley in locating two Indian laborers to assist in re-checking boundaries and locating permanent corners at Montezuma Well.

The custodian was away from the monument August 15 through August 19 to attend the funeral of Mrs. Hastings grandmother in Durango, Colorado.

The turn-over in publications amounted to $89.18 for the month. There was a shortage of $4.45 on the Self-Serve plan.

Decal numbers on equipment were checked against the list supplied by the Regional Office and discrepencies were reported.

Weather Precipitation has been recorded on ten days with a total of 1.78 inches. Hopi Indians were again successful with their Sanke Dance prayer for rain and according to radio reports 500 visitor cars were detained by

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

muddy roads.

Maintenance The sink at Residence No. 2 was unplugged. This requires the use of a 25-foot sewer auger and usually takes about a half day. There appears to be some irregularity in the drain tile under the cement floor of the living room which makes this a recurring job.

Supplies and Equipment The Grunow refrigerator in Residence No. 1 has ceased to function and is not repairable because the manufacturers have gone out of business. A contract for a new refrigerator ordered a year ago last June has been cancelled and a new order is being considered by the Bureau of Federal Supply.

A faulty front spring on the pick-up used at Montezuma Well was repaired.

Accessions A copy of "Life Histories of North American Jays, Crows, and Titmice" was received for our library.

Museum Three of our six museum cases were opened for cleaning and to make minor repairs. Opening each case requires the removal of 20 screws and the attention of two men to handle the heavy plate glass.

National Park Service Visitors Acting Custodian and Mrs. Richert were here. Assistant Regional Director Davis and Engineer Hendricks were here on August 17.

Use of Monument Facilities by The Public Montezuma Castle and the Well had a total of 3113 visitors who came in 855 cars, trucks, and busses. Tickets sold, 790; Complimentary Admission Tickets used, 118. children who climbed free, 159. There were no armed forces visitors.

Contact Time Total contact hours at Montezuma Castle, 237; Hastings 30; Leding, 89; Frost 98,; Schroeder, 19. There were 175 guided trips for 1067 visitors who climbed into the Castle. In the museum there were 304 groups including 1535 visitors. Visitors receiving information outside the ruins or museum totaled 847.

Contact time at Montezuma Well is reported separately.

Montezuma Well The following report has been received from Archaeologist Schroeder.

General Daily duty was maintained except for lieu days and as follows: August 5, 11, 12, 18, and 19; replaced Hastings on annual leave at the Castle.

545 visitors were contacted in 144 cars during the 17 days of duty. 12 hours and 10 minutes were spent on contact and 13½ hours on interpretation. 18 cars with 77 people made use of the picnic grounds and one car of 4 people camped over night.

About 5/8 or our traffic is actually contacted on the basis of the following:

nadly roses.

Maintenance the sink at Davidson Co. 2 was unplugged. This requires the use of a 25-foot sewer auger and usually takes about a half day. There appears to be some interest by the Arts Club under the common floor of the living room which makes this a recurring job.

Supplies and Equipment The Chrome refrigerator in Davidson Co. 1 has ceased to function and is not repairable because the manufacturers have gone out of business. A quotent for a new refrigerator ordered a year ago last June has been cancelled and a new order is being considered by the Bureau of Federal Supply.

A faulty trash spring on the pick-up used at Dunleavy Hall was repaired.

Accessions A copy of "Life Pictures of Paris Tourism City, Crown, and Tibbles" was received for our library.

Rescue Three of our six rescue cases were opened for checking and to make minor repairs. Opening each case requires the removal of 20 screws and the attention of two men to handle the heavy plate glass.

National Park Service Visitors Acting Superintendent and Mrs. Bidwell were here. Installed Lighted Flower Pots with Lighted Candles were here on August 17.

Use of Museum Facilities by The Public Montezuma Castle and the Well had a total of 2112 visitors who came to the area, trails, and Service visits only, 780; Conservancy Information Visits only, 111. Children who visited free, 128. There were no armed Forces visitors.

Current Time at Montezuma Well is printed separately.

Montezuma Well The following report has been received from Archeologist Rohrer.

Normal daily duty and maintenance except for time off as follows: August 7, 8, 10, 11, and 12, replaced wooden bridge on ground layer at the Castle.

The visitors were contacted in 164 cars during the 17 days of duty. 18 hours and 10 minutes were spent on contact and 17 hours on interpretation. 18 more with 77 people was at the Picnic grounds and one car of 4 people looked over right.

Right 6's or our traffic is casually mentioned on the basis of the following:

2 Montezuma Castle

Pamphlets taken from box:

after 5:00 P.M. (July 25 - Aug. 5)	21
on 4 lieu days (July 30, 31, and Aug. 6 & 7	42

(Our supply of pamphlets ran low Aug. 8 and visitors have since been requested to return them. For this reason no figures are available for the remainder of the month. To date we have 48 requests for pamphlets on file.)

From Aug. 8 through Aug. 22 all things being equal, another 63 pamphlets would have been taken. In addition, 4 days were spent at the Castle during this period, so another 30 pamphlets might be added.

Total contacts	543
Total estimated visitors	312 (2 people per pamphlet)
Total traffic	855

Administration This month brings our sign project to a close. 34 signs have been made and set up.

Received a two hole punch and put files in order with fasteners to bring them up to date.

Cleaned out the museum and cases. Washed pottery and other material and placed it in the exhibit cases in preparation for cataloguing.

A proposed master plan map of the area was received from Regional Office. It was checked on the ground and additional notes were added for comment.

Buildings Word has been received that the Webb Contracting Company will begin work on the rehabilitation of the quarters at the Well in the next week or two.

In spite of efforts to repair the leaky roof of the museum, rain continues to flow into the interior giving the place the appearance of an aquarium. The following wildlife have found their way through the various holes in the walls: small toads, lizards, house mice, wren, garter snake, and miscellaneous spiders and scorpions.

After a particularly hard rain a check was made in the other buildings. Leaks were evident in the two west cabins and also in the "attic" of the house. None of the latter leaked through the ceiling though some water formed puddles of sufficient weight to make the ceiling sag slightly. Perhaps this moisture will be an aid in driving the bats out of the walls.

Plants and Systems The pump for the household well was installed and encased in cement by the Wingfield Commercial Company. However it was not connected because of a lack of underground conduit which is specified in the contract.

Roads The county raod was graded August 13 and 14 but the combination of a heavy rain the following day and traffic left the road in fairly poor shape in some spots.

The dirt that had been placed on the hill of the approach road to the Well has almost completely been worn or washed away. It is planned to put several more pick-up loads over this stretch.

RECEIVED
AUG 27 1947

Research A court decree pertaining to the ditches on the property was located. A copy was sent to Regional Office along with the known information obtained to date.

Received information pertaining to the area from Mrs. McNabb, former school teacher at Beaver Creek School; Mr. Cherry, former heir; and Carl Back and Mrs. W. J. Back, former tenants and heirs. This data has been placed in the fact file.

Publicity Submitted an article on Montezuma Well to Regional Office for comment. It is planned to submit the article to the Museum of Northern Arizona for publication in the Plateau.

Mr. Charles Parker who writes for Arizona Highways came on August 22 to obtain information on the Well which he plans to incorporate in an article on the Verde Valley.

Newsworthy Visitors August 10 - Regis Toomey, Big Boy Williams, Gordon Oliver, and other actors and technicians from the movie set at Sedona visited the Well. Big Boy Williams invited the undersigned (Schroeder) to the set by way of renewing a short army acquaintenance and reversed the process by acting as guide at the set. Williams visited the Well again with another group on August 17.

National Park Service Visitors August 15 - Willard Bradley came in to check the boundary and to set boundary markers. He completed his work on August 19.

August 17 - Assistant Regional Director Davis and Engineer Hendricks visited the Well on their tour of the monuments.

Free Publications On Hand

Glimpses of Our National Parks	118
2-fold leaflets, Montezuma Castle	100
Mimeographed leaflets, Montezuma Castle	204
The National Park System and Other Areas Administered by the Park System	18

Homer F. Hastings,
Custodian.

Treasure. A court decree partition to the citizens on the property was issued. A copy was sent to National Office along with the known information obtained to date.

Received information pertaining to the case from Mr. McNab, former school teacher at Beaver Creek School; Mr. Cheryl, former ranger; and Carl Nash and Mrs. J. Neal, former tenants and owners. This data has been placed in the fact file.

Publicity: Submitted an article on Montezuma Well to Regional Office for comment. It is planned to submit the article to the Museum of Northern Arizona for publication in the Plateau.

Mr. Charles Becker who writes for Arizona Highways came on August 21 to obtain information on the Well which he plans to incorporate in an article on the Verde Valley.

Resource Visitors: August 10 - Doris Downey, Ella Kay Williams, Lydia Oliver, and other mothers and daughters from the scouts out at Indian village the Well. Mrs. Kay Williams invited the mothers (Informative) to the art by way of presenting a short story explanation and reserved the process by setting an photo of the well. Williams visited the Well again with another group on August 12.

National Park Service Visitors: August 18 - Willard Fooling came in to check the boundary and to set boundary markers. He completed his work on August 19.

August 17 - Assistant Regional Director Davis and Engineer Hartsine visited the Well on their tour of the monuments.

Free Publications on Hand:

Glimpses of Our National Parks	218
2-fold leaflet, Montezuma Castle	136
Unexcavated Pueblos, Montezuma Castle	284
The National Park System and Other Areas Administered by the Park System	18

Thomas F. Hastings,
Custodian.

RECEIVED
AUG 27 1947

4 Montezuma Castle.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

~~Arches~~ NATIONAL MONUMENT
NAUM—
Moab, Utah
August 27, 19 47

MEMORANDUM for the Regional Director, Region Three:

The following is a narrative report for Natural Bridges National Monument for the month of August, 1947:

GENERAL: A party of 17 people on a horseback trip from the Musselman dude ranch at Monticello camped at Kachina Bridge on the night of August ~~4th~~ and were marooned for several hours by high water in White and Armstrong canyons, caused by heavy rain that night. Ranger Redd checked on their condition on August 5th, when the water in Armstrong Canyon had receded, and found them to be OK.

TRAVEL: Visitors to the area showed a decrease from last month with only 42 cars and 166 people as compared with 81 cars and 231 people last month and 44 cars and 210 people for August, 1946. This is no doubt due to the heavy rains which were experienced during the month. Utah Wonderland Stages visited the area twice during the month with a total of 7 passengers.

INTERPRETIVE SERVICES: Twenty nine parties of 143 people were contacted at headquarters and five parties of 11 people were contacted in Blanding. One trip was made to all three bridges with a party of 10 people. Most people made the trip to one or more bridges unattended.

WEATHER: Heavy rains fell on August 4th, 5th, 11th, 16th and 20th. High water was experienced in the canyons on each occasion. The weather has been unusually cool in this country for August.

ROADS: The State maintenance crew graded the road from Blanding during the month arriving at the monument on August 12th. This put the approach road in good condition for the time being. I have had no report from Ranger Redd regarding the outcome of the storm of August 20th.

TRAILS: Durant C. Black of Blanding was entered on duty as trail laborer on August 2nd. The heavy storms of August 4th and 5th played havoc with the fill sections of the trails but they were again in good shape when the August 20th storm struck. I have no report on their condition since that date. Ranger Redd advised me that Laborer Black was resigning on August 23rd.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL MONUMENT

Moab, Utah

August 27, ... 19 42

MEMORANDUM for the Regional Director, Region Three:

Monthly Report for the month of August, 1942:

GENERAL: A party of 12 people on a horseback trip from the mountain area arrived at Dunkle Bridge on the night of August 6th and were marooned for several hours by high water in White and Dripping canyons, caused by heavy rain that night. Jerry Ford elected on their evacuation on August 8th, when the water in Dripping Canyon had receded, and found them to be OK.

TRAVEL: Visitors to the area showed a decrease from last month with only 44 cars and 132 people as compared with 63 cars and 211 people last month and 14 cars and 52 people for August, 1941. This is no doubt due to the heavy rains which made excursions during the month. Utah Mountaineers Chapter visited the area twice during the month with a total of 7 persons.

INTERPRETIVE SERVICE: Twenty nine parties of 142 people were contacted at Dunkle Bridge and five parties of 11 people were contacted in Moab. One party was made to all three bridges with a party of 10 people. Most people made the trip to one or more bridges mentioned.

WEATHER: Heavy rains fell on August 4th, 5th, 11th, 12th and 30th. Night temperature was experienced in the canyons on each occasion. The weather has been unusually cool in this country for August.

PUBLIC: The Moab mudhounders crew graded the road from Moab during the month particularly at the monument on August 12th. This job the approach road in good condition for the time being. I have had no reports from Denver Road regarding the outcome of the storm of August 30th.

PERSONNEL: Thrush C. Black of Blanding was entered on duty as trail laborer on August 2nd. The heavy storms of August 4th and 5th played havoc with the fill sections of the trails but they were again in good shape when the August 30th storm struck. I have no reports on their condition since this Ranger Hold relieved on that Laborer Black was resigning on August 31st.

MAINTENANCE: New signs have been prepared and are to be installed at the road junction at Blanding. Both road and trail signs are being repainted as time permits.

PUBLICATIONS: The following free publications are on hands

Natural Bridges Mimeographed Leaflets	103
Arches do	80
Glimpses of our National Parks	5
N. P. Location Map No. 6	38
SWNM Folders	2

Russell L. Mahan
Acting Custodian

(in trip.)

The San Luis Valley Shrine Club

presents a

Superlative Shrine Convention

Page 2, Mem. Dr. Nav. Hyd., Aug., 1947.

SIGNIFICANCE: New signs have been prepared and are to be installed at the road junction of Blanding. Both road and trail signs are being replaced as time permits.

PUBLICATIONS: The following free publications are on hand:

Natural Bridges Monographed Leaflets	102
Arches do	80
Glimpses of our National Parks	8
N. P. Location Map No. 1	32
Rock Folders	2

Russell L. Wilson
Acting Custodian

(In duplo.)



The San Luis Valley Shrine Club

presents a

Superlative Shrine Ceremonial

Great Sand Dunes National Monument Is Unique In America

Have you stood in the San Luis Valley
When the sun was sinking to rest,
And gazed on the beautiful tinting
That spreads from the foot to the crest.

Of the wonderful Sangre de Cristo
One range of the Rockies' vast horde,
That because of its crimson flushes
Is named for the blood of our Lord.

At the base of these beautiful mountains
A curious thing we behold
Mysterious and changing Sand Dunes
That glisten and shine like pure gold.

*—Mrs. W. D. Carroll.**

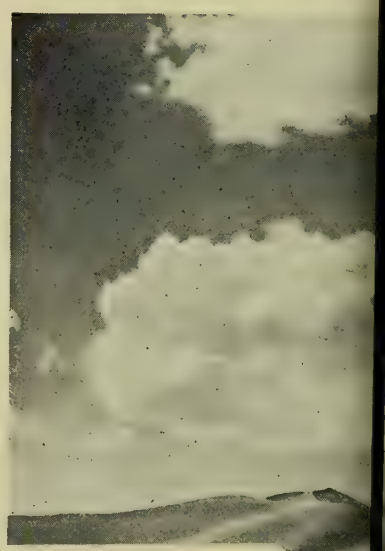


Within the San Luis Valley of south-central Colorado, famed for its agriculture and many artesian wells, lies the highest piled expanse of inland sand dunes in the United States. Nestling at the foot of the towering, snowcapped peaks of the Sangre de Cristo (Blood of Christ) Mountain Range, these colorful dunes, now embraced in Great Sand Dunes National Monument, contrast vividly with their towering mountain-range background.

America boasts of no more natural wonder than the Great Sand Dunes National Monument, located 33 miles east of Alamosa. The Sand Dunes extend over an area of 80 square miles, rising from 800 to 1,500 feet high, having the distinction of being the largest inland shifting sand dunes in the world.

The Great Sand Dunes of the San Luis Valley, mysterious and enchanting as they lie seemingly obedient to the will of the winds, could tell a monumental story fashioned from the tales of ancient peoples if only they would cease their whispering and speak with the voices of men.

The history of the Great Sand Dunes begins with the story of the Indian tribes who camped throughout the valley. That the Great Sand Dunes held a fascination for the Indians is indicated by the number of arrowheads and other artifacts found in the vicinity, especially around campsites located near



At Last—A Trek to Mecca Across Real Burning Sands

August 16th . . . Alamosa, Colorado

Great Sand Dunes National Monument

es National Monument
n In History

look upon the Great Sand Dunes
ish explorers who came northward
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had reached as far north as Taos
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use of stockmen. The old man and
position in campfire tales.

history would be complete without
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ave continued sporadically to the
tors still occasionally combing the
the ridges and dikes are in places
holes. In addition the effort has
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ng up the dunes has been said to
d of sixty cents worth of gold per
he extraction of the gold from the
ction has thus far been reported to
xty cents per ton.

ic events and the passage of men

l feast

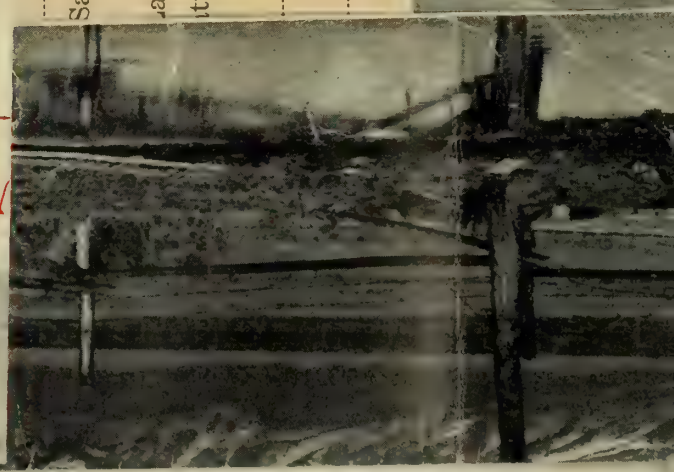




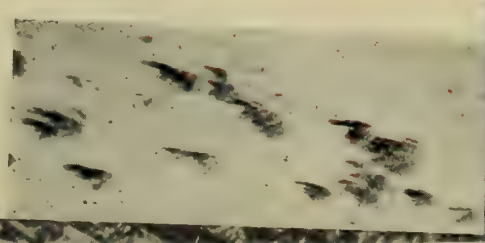
from the
Great Sand Dunes

Sprinkle a little of this sand in your shoes and you'll come to Alamosa for the Great Shrine Ceremonial.

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Sand Dunes f
adies' Party
turday noon



L TREK TO MECCA



Outer Guar
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Marshal
2nd Cerem
1st Cerem
Recorder
Treasurer
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Great Sand Dunes National
Is Unique In Ameri

Have you stood in the San Luis
When the sun was sinking t
And gazed on the beautiful tint
That spreads from the foot to

Of the wonderful Sangre de Cris
One range of the Rockies' va
That because of its crimson flus
Is named for the blood of ou

At the base of these beautiful n
A curious thing we behold
Mysterious and changing Sand Du
That glisten and shine like p

—Mrs. W. D.



Within the San Luis Valley of south
famed for its agriculture and many artesi
highest piled expanse of inland sand dun
States. Nestling at the foot of the towering,
of the Sangre de Cristo (Blood of Christ)
these colorful dunes, now embraced in G
National Monument, contrast vividly with
mountain-range background.

America boasts of no more natural wond
Sand Dunes National Monument, located
Alamosa. The Sand Dunes extend over an a
miles, rising from 800 to 1,500 feet high, hav
of being the largest inland shifting sand du

The Great Sand Dunes of the San Luis V
and enchanting as they lie seemingly obedie
the winds, could tell a monumental story fa
tales of ancient peoples if only they w
whispering and speak with the voices of me

The history of the Great Sand Dunes
story of the Indian tribes who camped throu
That the Great Sand Dunes held a fascinatio
is indicated by the number of arrowheads ar
found in the vicinity, especially around camp



ional Monument

nosa, Colorado

s Real Burning Sands

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UNITED STATES

ELCOME SHRINER

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Sand Dunes f

adies' Party a
turday noon

Real Golden Sands from the Great Sand Dunes

Sprinkle a little of this sand in your shoes and you'll come to Alamosa for the Great Shrine Ceremonial.

Great

HERE IS THE COMPLETE PROGRAM

Friday and Saturday, August 15-16

FRIDAY—

7:30 P. M.—Dinner at Masonic Temple.

9:00 P. M.—Dance at Elks' Hall.

(For all Nobles and Novices and their Ladies. Tickets for Dinner and Dance: $2.50 per plate.)

SATURDAY—

8:30 A. M.—All Novices meet at Alamosa High School.

10:00 A. M.—All Nobles meet at High School for Street Parade and Street Stunts.

1:30 A. M.—1st and 3rd Sections at Great Sand Dunes for Novices and Nobles, only. Transportation to Sand Dunes for all who desire it.

4:30 P. M.—Free Lunch and Barbecue at Sand Dunes, for all Nobles.

6:00 P. M.—Return to Alamosa.

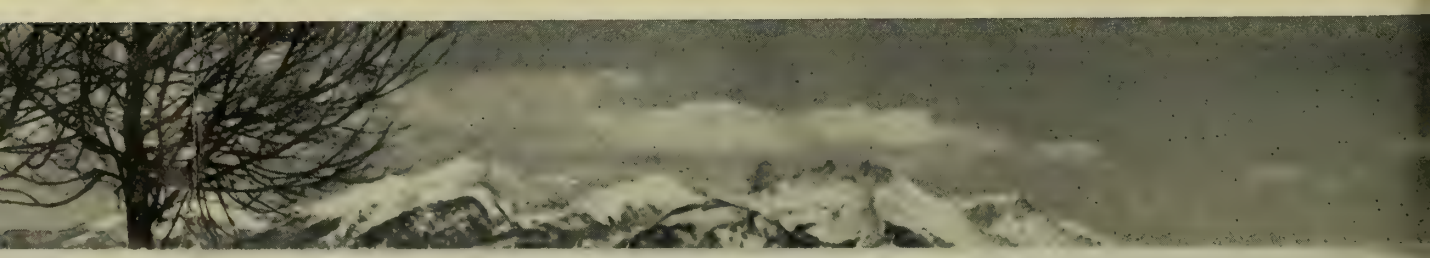
PROGRAM OF ENTERTAINMENT FOR LADIES

SATURDAY—

12:00 P. M.—Buses leave Alamosa for Arrowhead Ranch. Free Luncheon for ladies at ranch.

2:00 to 5:00 P. M.—Bridge and other entertainment at Arrowhead Ranch, at foot of Mt. Blanca.

5:00 P. M.—Buses return to Alamosa.



NAVAJO NATIONAL MONUMENT
TONALEA, ARIZONA

Aug. 25, 1947

MEMORANDUM for the Director, Region Three

There follows a report of activities in this area for the month of August.

WEATHER: Very interesting and definitely curbing travel. Only four sunny days. High temperature 93 degrees on the 1st, low temperature 46 degrees on the 23rd. Precipitation 2.94 inches.

VISITORS: 62 visitors came in 11 cars. 52 made overnite camps. 36 of these visitors came in the Boys-Explorers parties. Their heavy automotive equipment being an asset in travelling these roads.

Acting Associate Regional Director John M. Davis and Highway Engineer Sam Hendricks visited in this area on Aug. 14, 1947.

ROADS: Most of our labors this month have gone into keeping a road open--and we have not been successful at all times. The USIS constructed dams across most of the washes draining Black Mesa. Rains on the 8th and 9th filled the dams and a cloudburst on the 10th broke the dams and released torrents of water across the road between Tonalea and Kayenta. That night 27 people were marooned at Cow Springs. (this is the settlement that was omitted from the proposed road map for Navajo's two fold leaflet). On the following night 12 people were isolated in the same trading store. On the 11th the Custodian was stymied on the wrong side of the Shonto wash overnite. A flash flood had left a 24 inch deposit of silt, forming a quick-sand bed, on the crossing. We waded to the trading store and got the pickup across at 2:30 P.M. on the 12th. On the 15th the C.P.C. crossing in our entrance road across Kethla Valley washed out. We are able to get in and out only on submerged cow-trails not recommended for strangers. The entrance road is a canal connecting a series of lakes. Bear a hand, lads.

78 pieces of Outgoing mail were processed thru this office.

PUBLICATIONS REPORT:

Two-fold leaflets:	Navajo National Monument	1027
	Sunset Crater National Monument	20
National Park Service Location Map #6		50

J.W. Brewer, jr.,
Custodian

HERE IS THE COMPLETE PROGRAM

Friday and Saturday, August 15-16

12:00 P. M.---Buses leave Alamosa for Arrowhead Ranch for luncheon for ladies at ranch.

2:00 to 5:00 P. M.---Bridge and other entertainment at Arrowhead Ranch at foot of Mt. Blanca.

AUG 27 1947

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
ORGAN PIPE CACTUS NATIONAL MONUMENT
AJO, ARIZONA

August 28, 19 47

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities for Organ Pipe Cactus for the month of August 1947.

WEATHER

August while starting out hot with a high of 108 has been a very good month for this part of the state. It cooled with the rains and most days have been in the 90s with low temperatures of 68 at night. 2.61 rain has fallen on the headuqarters area during the month with much more in the northern section. A flood with more than 2 inches of rain falling in less than one hour on August 8 at headquarters caused the wash here to get out of bounds and cause considerable damage and work.

TRAVEL

Travel this month was 5723 bringing the travel year to . Local travel was slowed up this month by road condetions and the river in Mexico being too high for crossing most of the month. 13 cars were contacted at headquarters. These had turned off to visit to Monument only so we can forsee a time when we will may get a surprising number of summer visitors.

GENERAL

August seems to have been an exceptionaly busy month with not a lot that you can see accomplished.

The Custodian made a trip to White Sands for surplus materials for here and other Arizona monuments.

Ranger Ringenbach made one trip to Grand Canyon for power plants and other surplus.

The flood on the 8th caused water to be up over areas where no signs of washing over showed. About six inches of water ran through the garage and it was much deeper all around it. All lumber and oil barrels were carried off but most was recovered along the wash later. Considerable leveling and filling wasfequired aroun the utility area.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

_____ NATIONAL MONUMENT

_____, Idaho

_____ August 30, ____ to 6?

_____ for the National Traveler, Boise Area.

Here follows a report of activities for Open Play Areas for the month of August 1947.

_____

Stephen Mills started out the month a trifle of but has been a very good month for all parts of the whole. It ended with the rain and most days have been in the 60s with low temperatures of 42 at night. Rain has fallen on the mountains only during two weeks with most days in the clouds. A flood hit more than 2 inches of rain falling in late then one time on August 6 as temperatures reached the mark here by the end of August and water accordingly always out rain.

_____

Travel to the south was 5723 bringing the total input to _____. Travel toward was closed up this month by road construction and the river is trying being the city for crossing most of the months. It were here conducted at headquarters. Those had turned off to visit to Jackson only to and Jim Jones a time when he will pay a surprising weather of summer visitors.

_____

August events to have been an exceptionally busy month, also, here's let that you how are accomplished.

The Centennial made a trip to White Sands for surplus materials for sure and water systems building.

Ranger Stephenson made one trip to Grand Canyon for power plants and other supplies.

The Chief of the 4th visited water to be by road across where an algae of washing over Sparrow. Lost six inches of water run through the gorge and it was much deeper all around it. 21 Indian and all Service were buried and that road was reversed along the west lake. Building Leveling and fill [illegible] around the utility area.

We were able to accomplish quit a lot in road work during the month while the ground was damp for grading.

Floods have caused a lot of damage to fences along the north boundray and an expermiant was tried . We have put up an electric fence along those sections which continually go out. this is much faster and easier repaired until the flood season is over.

Plans for the fencing of the International Boundray were carried on with the Bureau od Animal Industry and International Commission. Job application has been submitted and is is hoped to get this started soon.

Permission for a third line rider camp was granted to the Bureau of Animal Industry to be locater near the Bob Gray ranch.

Our main Highway has been in very bad condetion all month. Floods have filled moct dips and several have lost pavement. Little work has been done by the County and the road in in a very dangerous condetion no w. Several washes need post construction work before they can ever be safe.

Personel

Ranger Ringenbach returned from annual leave August 13 after spending some time on the coast.

The Custodian will take annual leave during the month of September.

PROJECTS FOR THE CO MING MONTH.

Nearly all time during September will be spent on maintenance work. Roads will be repaired as well as fences with patrols carried out during the dove season which is the main hunting season we have to watch.

William R. Supernaugh,
Custodian


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DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Saguaro National Monument
Tucson, Arizona
August 26, 1947

MEMORANDUM for the Regional Director,
Region Three.

There follows the Monthly Narrative Report of the activities at Saguaro National Monument for the month of August, 1947.

WEATHER. This month has been cooler than July was. Afternoon showers and threatening clouds have consistently depressed the temperatures. Two rains of around 1 and 1/2 inches here on the desert have caused the roads to become washed badly. Of interest is the fact that more rain has fallen in the desert than on the Rincon Mountains. How much more I cannot say because we have no proper way of measuring rainfall either at Headquarters or at Madrona R.S.

Special Activities. On the eleventh of August, the Packer and Ranger drove the old dump truck to Casa Grande National Monument, pulling the green panel car. The dump truck was traded for another and the car was left for possible repairs. Ranger Fulton has been to Manning Camp three times this month staying overnight in each case. Custodian Egermayer left the morning of August 25th for Montezuma Castle National Monument to get some hay.

MAINTENANCE. The Loop Road has been dragged twice this month, each time immediately after after good rains. Only after this road has become wet is it possible to do a creditable job dragging with the equipment we use. Excepting for some washes, this road is in excellent condition. The new 4-wheel drive truck is proving to be distinctly better than the old dump truck for pulling the road drag. At the Madrona R.S., a repaired antenna mast has been erected and a new hitching rack has been installed. On Mica Mountain trail maintenance has been continuing.

APPROACH ROADS. The Pima County maintenance crew has done nothing to the Broadway approach road this month. That and the two severe rains which caused all washes to flow have served to make this road worse than ever before. This is also true of the road between the Monument Headquarters and Madrona R.S.

TRAVEL AND INTERPRETIVE SERVICES. Travel has shown a continued downward trend. A total of 481 visitors traveling in 164 automobiles have been recorded. Of this total, 189 persons were from Arizona and 292 persons were from 23 other states. 130 persons, composing 39 parties, were contacted for a total of 1245 minutes. Ranger Fulton was on contact work for one day only. His duties at Madrona R.S. prevented any more than that.

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.....NATIONAL MONUMENT

FOREST FIRE PROTECTION. Fire No. 7, the only one this month, happened on August 8th. It was lightning-caused and was confined to a single snag. Fire danger has been relatively low this month, hovering between dormant and moderate. 15 days were low, 14 days were moderate, and two days had a danger reading of high. On 14 days measureable amounts of rain were recorded; on 5 days traces of moisture were recorded. The total amount of precipitation at Mica Mountain for this month was 3.03 inches. The largest rain of 1 inch fell on August 15th.

ACCIDENTS. On August 8th, the green panel car was stuck in a wash and subsequently inundated by flood waters. Until the motor is cleaned it will be inoperatable. On August 16th the packer, Mike Keevan, struck one of his fingers with a hammer while shapeing a horse shoe. Two days later it was necessary to send him to Tucson for medical attention for his finger had become badly infected. At present it is healing satisfactorily.

NEW EQUIPMENT. We acquired a new dump truck which was converted from a war surplus truck at Coolidge. Also, we received a 2and 1/2 KW light plant.

PUBLICATIONS. Free publications of the service on hand at the end of the month are as follows:

Saguaro two-fold informational leaflets, English	3000
Saguaro two-fold informational leaflets, Spanish	1100
Location Map No. 6 -, Southwestern States	599
Southwestern National Monuments Location Map	53
Sales publications of the National Park Service	none

James T. Fulton

James T. Fulton,
Acting Custodian.

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Sunset Crater NATIONAL MONUMENT

Flagstaff, Arizona

August 29, 1947

MEMORANDUM for the Regional Director, Region Three.

There follows a report of the activities of Sunset Crater National Monument for the month of August, 1947.

Visitors this month: 3937 Travel Year to date: 12,179

Travel: Comparing the actual registration for the month with that of August of last year, visitation has shown a slight decrease. 1575 people are recorded in the register, a drop of 12% over the same period for last year. This decrease, no doubt, can be traced to the impassable condition of the approach road, which for a period of ten days during the early part of the month was partially flooded.

For the past eight weeks comparisons have been made of the number of people entering the area and those that actually registered. It was found that the old estimate of 70% was most conservative. In fact the difference noted was so great that the study was extended for several weeks to be sure the data was not in error. Observations show that only 40% of the visitors actually sign their names to the register. This new figure will be used in this and following reports for the determination of travel to the area.

Over night campers were recorded for 16 days of the month. The largest party was one of twenty-three.

Weather: "And then the rains came." At long last it can be reported that Sunset Crater had rain. In fact it has been a daily occurrence, missing only five days for the month. Some have been real gushers but for the most part it has been the usual showers that are common to the mountain area this time of the year.

Roads: With the coming of the rain every attempt has been made to "make hay while the sun did not shine." But with its arrival it also brought flash floods that filled up the low spots in the lane just off of Highway 89, so that this portion was completely submerged and remained in this condition for about ten days. At any rate it discouraged many visitors from attempting to ford the water barrier. Cinder hauled into the low spots has remedied, at least temporarily, this condition.

A small blade was rented from one our neighbors for a couple days and with the Dodge used for the motive power, considerable improvement was made on the approach and entrance road. A small road drag made from two railroad rails has been used almost daily, improving the road until one can almost say that it is now in good condition. At least for a time we do not have to listen to "Why don't you fix that road?"

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NATIONAL PARK SERVICE

NATIONAL MONUMENT

The back road to Wupatki is now passable with traffic again moving to a limited degree.

General: The greater part of the month has been given to road improvement. General cleanup of the area continues. The recently repaired pit toilets have been painted inside and out. The new refuse cans were given a coat of paint. The Thunderbird marker at the entrance on Highway 89 was repainted. The old four mile sign, recently recovered near the campground of Petrified Forest, has been repainted and is back in its old place at the entrance. The small shed which houses the electric generator was completed with the addition of tarpaper to roof and sides.

Interpretive Services: With the completion of many of the odd tasks that required urgent attention, more time can now be given to the contact of the visitor. Study is being given to the particular interests of the people entering the area. With these in mind the interpretive program will be expanded. It is hoped that a nature trail through some of the most interesting points may be developed.

Some time has been given to the photographing of wild flowers in color. There are a number of interesting adaptations made by the trees and shrubs to their cinder environment that also offer interesting subjects for the camera.

NPS Visitors: Assistant Regional Director John M. Davis and Regional Road Engineer S. D. Hendricks visited Sunset on the 15th for an inspection of the recently installed housing. Regional Forester S. Carlson stopped for a short time on the 24th. The problem of possible encroachment of insect infestation from the surrounding forest was discussed.

Cooperative Services: On the 1st and 2nd assistance was given Walnut Canyon personnel in fighting fires. Both calls were received from the Forest Service for fires on their land. On the 27th a fire was reported to the local Forest Service, which was burning approximately two miles east of Sunset Crater.

Publications on Hand: Sunset Crater National Mnument 2-fold leaflets on hand - 600 Copies.

Robert F. Upton
Ranger in Charge

The back road to Everett is now passable with traffic again moving to a limited degree.

General: The greater part of the month has been given to road improvement. General cleanup of fire area continues. The recently realined trails have been painted lately and out. The new lo[illegible] have a coat of paint. The Thunderbird marker at the entrance on Highway 99 was repainted. The old Fire mile sign, recently recovered near the campground of Unfilled Forest, has been repainted and is back in its old place at the entrance. The small shed w/lo[illegible] Pumps the electric generator was completed with the addition of lumber to roof and sides.

Interpretive Service: With the completion of many of the old tasks that required urgent attention, more time can be given to the content of the visitor. Study is being given to the particular interests of the people entering the area. With these in mind the interpretive program will be expanded. It is hoped that a nature trail through some of the most interesting points may be developed.

Some time has been given to the photographing of wild flowers in color. There are a number of interesting subjects made by the trees and shrubs to train slides for improvement that also of interesting subjects for the camera.

Personnel: Assistant Engineer Clerk H. Davis and Engineer Aid B. Mahoney (called Forest on 7th 7th) for an inspection of the recently installed heating. Engineer Forester L. Darlin stopped for a short time on the 24th. The problem of possible encroachment of Forest Service from the surrounding forest was discussed.

Protective Service: On the 1st and 2nd persistence was given [illegible] Campus personnel in fighting fires. Both calls were received from the Forest Service for fires on their land. On the 27th a fire was reported to the local Forest Service, which was burning approximately two miles east of Sunset Crater.

Facilities on Hand: [illegible] Forest Service Lookout Tower on land - - -

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NATIONAL PARK SERVICE

Tonto NATIONAL MONUMENT

Roosevelt, Arizona

August 25, 1947

for the Regional Director, Region Three.

Following is a report of activities at Tonto for the month of August.

Travel. Despite the heat, travel showed a slight increase over July, with 414 visitors to the monument, 211 of whom made the climb to the lower ruins. Almost half of the cars were from out of state.

Personnel. C. Sharp came to Tonto on August 1 to begin as Custodian.

N.P.S. Visitors. Archaeologist Charlie Steen and Photographer George Grant were here a short time, discussing Tonto archaeology and problems, and taking pictures. Operator Jesse C. Nimble of Prescott visited Tonto incident to moving in the custodian. Jesse will be back with a fishing rod when the lake starts to fill.

Weather. Hot weather prevailed during the first part of the month, relieved by several good rains during mid-month.

Roads. The Apache trail is in good repair, but is in fairly good condition at present. We borrowed a grader from the State operator at Roosevelt, and with the Tonto pickup, graded the entrance road into good condition. The heavy rains since then have not damaged it much.

General. The 2.5 K.V.A. light plant was brought up from Casa Grande, and is installed along with the 3. . . plant brought up last month, giving us a standby plant, and with last month's acquisition, advancing Tonto 30 years in a single month. The new refrigerator in the Ranger's quarters is still not properly adjusted, and we have some difficulty in getting the service man out here to fix it. On the favorable side, Tonto has one new house and a good pickup since the last time I was here. And due to considerable work on the part of Archaeologist Hall, the files are in very good shape.

Publications on Hand

2-fold leaflets, Tonto National Monument - 14,2 0

Glimpses of Our National Parks - 47

Charles E. Sharp
Custodian.

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... NATIONAL MONUMENT

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
TUMACACORI NATIONAL MONUMENT
Box 2225, Tucson, Arizona
Tumacacori, Arizona

August 25, 1947.

MEMORANDUM for the Regional Director,
Region Three.

Follows the monthly narrative report for Tumacacori National Monument for the month of August, 1947:

WEATHER CONDITIONS: Precipitation was 8.65 inches, but is far below normal, with this district very dry, although good rains have hit the hill country. High temperature for the month was 107 on July 25, with a minimum of 59 on August 5. Old residents in the neighborhood say they cannot remember a summer which has been as hot, dry, sticky, and uncomfortable. It is truly punishment to have to wear regulation long sleeved shirts, buttoned collars and tie, and long trousers in such weather. Why don't we learn something from the British in designing uniforms for tropical and sub-tropical regions which are comfortable yet snappy?

MAINTENANCE: Lack of summer rains required a great deal of irrigating, which is normally almost dispensed with during July and August. Much routine cleanup, and some pruning, was accomplished. The patio garden fish pond was cleaned again and new plant boxes made for some of the plants.

INTERPRETIVE SERVICE: 818 visitors went on 141 guided trips through the mission church and grounds, receiving an average of 37.58 minutes per trip. 1449 visitors received combined Information and Interpretation service in the museum lobby, patio garden, and view room. 1385 visitors saw the museum. There would have been more of these latter, were it not for the fact that power failures on several occasions during the month left the museum without lights.

INCREASE OR DECREASE IN TRAVEL: August travel of 1502 visitors was by far the highest August travel on record here, being approached only by August of 1930, with 1382 visitors.

VISITORS: Among interested visitors were Dr. and Mrs. Ned Spicer, of the Anthropology staff, University of Arizona, on August 3.

The only school group was the Fenster Ranch School for Boys, of Tucson, which sent a party of 18 on August 24.

INSPECTIONS: Archaeologist Steen and Photographer Grant spent several hours here on August 20. While Mr. Grant brought Tumacacori pictorially up to date Mr. Steen conferred with us on stabilization work on the mission, and other interpretive problems.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
TUMACACORI NATIONAL MONUMENT
Box [illegible]
Tumacacori, Arizona

August 25, 1947.

[illegible] for the National Director,
Region Three.

Below the monthly activities report for Tumacacori National Monument for the month of August, 1947:

[illegible]: Precipitation was 3.63 inches, but is far below normal, with July slightly dry, although good rains have hit the hill country. High temperatures for the month was 107 on July 28, with a minimum of 60 on August 8. All precipitation in the mountains are rather poorly [illegible] a summer rain lasts an hour, day, night, and [illegible]. It is truly gratifying to have to wait [illegible] long stored water, [illegible] and it, and long [illegible] to such weather. Why don't we learn something from the Britich in building walkways for tropical and sub-tropical regions which are comfortable [illegible]?

[illegible]: Lack of summer rain required a great deal of irrigation, which is handled almost altogether with Spring Duty and August. Much routine cleaning, and some pruning, was accomplished. The patio garden flish pond was cleaned again and new plant beds made for some of the plants.

[illegible]: His relatives went on 1&1 period trip through the mission state and vicinity, resulting in average of [illegible] per day. Late visitors received additional information and interpretation service in the express [illegible], patio garden, and [illegible]. Late visitors saw the museum. There would have been more of these latter, were it not for the first rate power failures on several occasions during the month left the museum without light.

[illegible]: Except travel of [illegible] visitors was by far the highest August travel on record here, being approximately by amount of [illegible], with [illegible] visitors.

[illegible]: Many interested citizens were [illegible], and Mrs. Fae Upton, of the [illegible] staff, University of Arizona, on August 3.
The only school group was the Tucson Indian School for Boys, of Tucson, [illegible] with a party of 12 on August 24.

[illegible]: Two [illegible] Tours and [illegible] Lunch spent several hours here on August 20. While Dr. Frank Brown Museum [illegible] very to date Dr. Olsen conferred with us on rehabilitation work on the mission, and other interpretive problems.

PERSONNEL: August 1 - Archaeologist Aide Lancaster departed, after having spent a month here on stabilization work on the mission and part-time guide duty during absence of the custodian.

August 2 - Custodian Jackson returned to duty after a month of annual leave, during which he took a partial postman's holiday with a several days' visit with the Hastings at Montezuma Castle, followed by a visit to Tonto during which he had the pleasure of getting acquainted with Malcolm and Margaret Bull, and going catfishing with them, and catching fish!

Ranger Brewer was on annual leave during the period August 4 - 12. During this period per diem guide Judy England worked two days.

Because of money shortage it was impossible to fill a greatly needed job of permanent maintenance laborer. Our temporary maintenance man, Orozco, spends a little time on maintenance, but is used now for the greater part of the time doing repair work on the mission.

STABILIZATION OF MISSION CHURCH: Most of the excellent work done by Archaeologist Aide Lancaster last month was referred to in the monthly report for July, and the entire part of his task was more adequately outlined in a report which was submitted separately. Upon his departure the most vitally necessary parts of stabilizing on the south end of the mission had mostly been done, including interior pointing around the weak core of the baptistry domed ceiling.

On August 7 small scale stabilization work, with one trained workman, was resumed. Nine man days of labor (exclusive of the custodian's time spent in some patching, and much experimenting with colored mortar samples) were spent in pointing many weathered holes in the west outside wall of the mission, some very large patches on the north end, and some on the sacristy roof.

PUBLICATIONS REPORT:

Sales publications on hand - - - - - - - - - - - - - - - -	none.
Gov't publications handled by SWMA - - - - - - - - - -	"
Free publications on hand:	
2-fold Spanish leaflet - - - - - - - - - - - - - - -	2,500
16-page booklet - - - - - - - - - - - - - - - - - -	25
Mimeographed information leaflets - - - - - - - -	400 approx.

Earl Jackson,
Custodian.

SEP 5 1947

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Tuzigoot NATIONAL MONUMENT
Clarkdale, Arizona.

August 26, 1947

MEMORANDUM for the Regional Director,
Region Three.

Following is the monthly narrative report for Tuzigoot National Monument for August, 1947.

Visitor Total: Travel this month surpassed all records on the books with a total of 2085 visitors. A high percentage of this number included vacationists who had been advised of the scenic Oak Creek Canyon Region, and who were avowedly touring the West in search of new panoramas. Judging from numerous superlatives expressed during their visit here, they were not disappointed.

Guide and Contact Service: An average of 19 minutes each for 399 ruins parties and 21 minutes each for 456 museum parties kept all hands pre-occuppied.

Personnel Time: Museum: 158 hours, 50 minutes. Ruins: 125 hours, 40 minutes. Total time for Acting Custodian Richert: 167 hours, 50 minutes; for Temporary Ranger Denke: 116 hours, 40 minutes.

Maintenance and Administration: Tuzigoot's relentless struggle to obtain a good water pipeline to Clarkdale is vaguely reminiscent of the State of Arizona's conflict with California for water. Perhaps it's an omen. To date, we have received 777 feet of pipe out of an original order for 1200 feet which was contracted for by a local firm in December, 1946. The contractor sends us dribbles of 3 or 4 sections of pipe as they are shipped to him.

Recent rains produced a new, lush crop of Russian Thistles. Accordingly, considerable time has been devoted to de-weeding the hilltop ruins and museum area. A heavy rain during the night of August 16, washed a large quantity of mud and silt from the hill onto the Administration Area which all but inundated the Garage and adjoining Men's Rest Room, thereby necessitating a one-day's job of clean-up.

On August 14, five boys hunting rabbits near the Monument's west boundary were admonished to pursue their activities elsewhere as several bullets ricocheted by us while on a tour of the hilltop with a group of visitors. The incident revived personal, vivid memories of enemy sniper's tactics in New Guinea and the Philippine Islands.

Inspections: On August 17, Assistant Regional Director John M. Davis, Highway Engineer Sam Hendricks, and Engineer W. L. Bradley visited Tuzigoot. Mr. Davis readily answered several questions of ours on administrative procedure. Mr. Bradley was also here on August 13, and he delivered 20 copies of ARIZONA'S NATIONAL MONUMENTS to sell for SWMA.

Special Groups: On August 9, Dr. Van Amringe brought a class of 40 students

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

NATIONAL MONUMENT

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August 31, 19[illegible]

[illegible] for the Regional Director,
Region Three.

Following is the monthly narrative report for Zuiyuan National Monument for August, 1941.

Visitor Total: Travel this month surpassed all records on the books with a total of 3,000 visitors. A high percentage of this number included servicemen who had been advised of the events due begin Zuiyuan, and who were avowedly touring the park in search of new panoramas. Visiting fire wardens superintendents expressed surprise visit here, they were not disappointed.

Trails and Lookout Towers: An average of 12 visitors each for 800 rides yesterday and 21 yesterday each ride whereas Pavilion kept all hands pre-occupied.

Personnel Time: Rangers, 140 hours, 30 minutes. Naiyo Lookout, 60 minutes. Total time for visiting Scientific Students: 140 hours, 00 minutes; for Temporary Ranger Tenkou 112 hours, 40 minutes.

Maintenance and Utilities: Zuiyuan's relentless struggle to obtain a good water pipeline to Chenchia is vainly reminiscent of the State of Kirzone's unwilling exhibitions for water. Perhaps it's a sham. We hate to say. We have received XXX feet of pipe out of an original order for 1200 feet which was misplaced for by a local firm in December, 1940. The contractor sends us dribbles of 2 or 3 sections of pipe as they are shipped to him.

Recent rains produced a new, lush crop of Russian Thistles. Diametrically, we have been worried to de-weeding the billing trips and season's. A heavy rain during the night of August 16, washed a large quantity of and all type the hill made the Administrative area with all but inundated the Ranger and Assistant Headquarters. Thereby necessitating a one-day's lot of clean-up.

On August 14, five boys hunting rabbits near the Monument's west boundary were ordered to remove their motorless glassware as several bullets riveted by us while on a tour of the building with a party of visitors. The [illegible] revised procedure, with exceptions of every Ranger's hunting in New Mexico and the Philippine Islands.

Inspections: On August 17, Assistant Regional Director John E. Davis, Ranger Nathaniel Hendricks, and Engineer T. L. Crosby visited Zuiyuan. Mr. Davis readily answered several questions of even an administrative prevature. Mr. Crosby was also busy on August 18, and he assisted 30 copies of Attorney's critical memoranda to mail for them.

Special Events: On August 9, Dr. Ian Dunlop lowered a flare of 21 rockets

from Pasadena City College. "Van's Caravan", as the group termed it, was engaged on a week's geological field trip including a very interesting itinerary to various points in California, Arizona, Utah, Nevada and Wyoming. We first met Dr. Van Amringe while on duty as Roving Ranger at Hovenweep in 1939 where we recall an enjoyable tour of Holly, Hackberry, and Square Tower Canyon Clusters with his party.

Requests for Information: A proof sheet covering Tours Information on Tuzigoot Ruins and Clarkdale was read and corrected for the American Automobile Association. Additional statistics and information regarding this area were compiled and submitted as requested by the Association.

Five replies were written to individuals desiring information on the Monument.

Projects: Despite heavy visitor travel, some progress has been made placing new labels in the Museum Exhibits which also involves cleaning and re-arranging the contents of the cases.

Item of Local Interest: RKO Pictures Corporation has a movie colony located at Sedona where the Company is filming a new picture entitled "Stages West", starring Dick Powell and Jane Greer. An elaborate set representing a typical western frontier town of the '70's and '80's has been constructed using the colorful, red Supai Sandstone cliff formations overlooking Oak Creek as a background. A number of the film colony visited Tuzigoot. They in turn extended us a cordial invitation to visit the set and to observe filming operations. Many local people are employed as "extras". A flock of current motion pictures were filmed in the Oak Creek Canyon Area during the last two years including: "Desert Fury", "Leave Her To Heaven", "Angel And The Bad Man", etc.

Southwestern Monuments Association: During the month we received for our sales shelf 600 Miniature Photograph sets on Tuzigoot. Each pack contains 10 photographs with a caption card of various views of the ruins. These retail at .25 and have been selling rapidly.

Publications: In spite of our adopting an "under the counter" method of distribution (so unpopular during the War) of free literature, the supply is completely exhausted: None on hand.

Roland Richert.

Roland Richert,
Acting Custodian.

Trailer's Report for August 1947---2

from Pasadena City College. "Tex's Caravan", as the group termed it, was engaged on a week's geological field trip involving a very interesting itinerary to various points in California, Arizona, Utah, Nevada and Oregon. Dr. First and Dr. Van Amringe will be on duty as during Summer at Davenport in 1948 where we recall an enjoyable hour of Polly, Ike Perry, and Myron Tyner Cooper Clinton were with his party.

Requests for Information: A great amount covering large information on Trailers and Materials was read and answered for the American Automobile Association. Additional statistics and information regarding this area were compiled and submitted as requested by the Association.

Five replies were written to individuals desiring information on the business.

Problems: People keep right trying. Some progress has been made picking some trouble in the Oregon Territory which also involves clearing and re-arranging the contents of the cases.

Plan of Local Interest: All Persons Corporation has a route going located at Grants Pass for Crossing in Finding a new picture entitled "Oregon West", starring Mike Powell and Anna Neagle. An picturesque set representing a typical western frontier town of the '10's and '20's has been constructed using the colorful, red Rogue Sandstone cliff formations overlooking Jet Creek as a background. A number of the film colony visited Trailers. They is very talented as a cordial invitation to visit the set and to observe filming operations. Many local people are employed as "extras". A fleet of current modern pictures were filmed in the Oak Creek Canyon area during the last two years including: "Desert Fury", "Dark for Heaven", "Angel And The Bad Man", etc.

Southwestern Movements Investigation: During the month we received for our files small 8x11 illustrative Photograph cuts on Tuscon. Each pack contains 12 photographs with a caption card of various views of the rules. There recall at 15 and here cost selling regular).

Publications: In spite of our adopting an "order coupon" method of distributing the popular Guide the "Trailer" of Free Literature, only 1a supplies exhausted. Then on hand.

Roland Dietert.
Acting Secretary.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Walnut Canyon National Monument
Flagstaff, Arizona.

August 27, 1947.

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MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities in Walnut Canyon National Monument for the month of August, 1947:

Weather. We had a rather weak rainy season for August this year, but the grass is now green and the flowers are blooming. Our year-to-date precipitation figure is still far below normal.

Visitors. Of the 3,393 total, 2,806 were contacted and it is estimated that 2,545 made the ruins trip unattended. The showers reduced picnic area use, but a Kiwanis picnic brought our total number of users to 341.

Our contact point was left unattended four days, two when we had forest fires and two when we helped Engineer Bradley make a survey for the power line.

Ranger Aubuchon, on his day off, drove to Winslow to show two reels of pictures to some 65 Little Brownies and their sponsors.

Activities. Routine duties accounted for most of our time. At one time during month, and for the first time in our history, we had a card for every publication in the library, but a few pamphlets have arrived since. We hope to keep the library cataloguing current in the future. A verbal understanding was reached with the Arizona Power Company whereby we should have commercial electricity this calendar year. Two more air-release valves were installed on the water line. They were moved to one side to avoid having the valve box hit by a road grader.

Forest Protection. Two reportable Class A fires and a non-reportable fire, just off our boundary on USFS land, were suppressed. Two men spent most of a morning hunting a smoke which disappeared without being found.

Publication Report. None on hand.

Paul L. Beaubien
Custodian

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL MONUMENT

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Paul L. Hamilton
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

WHITE SANDS

Box 231, Alamogordo, New Mexico

August 23, 47

MEMORANDUM for the Regional Director, Region Three.

AUGUST TRAVEL, 1947 — 1947 TRAVEL YEAR TO DATE

Visitors 16,399 Cars 3744 — Visitors 84,853 Cars 20742

August, not to be outdone by previous record breaking months during this travel year, breaks all actual count monthly records in the history of the Monument with 16,399 visitors.

Weather conditions on the whole have been good. Nearly two inches of rain has cooled off this entire section making visits to the sands most pleasant any time of the day. High for the month was 102 on the 11th with a low of 56 on July 31st.

Two official trips were made to the White Sands Proving Ground in connection with some surplus property desired by the Monument. One hurried trip was made to Santa Fe on routine problems.

Except for visitor contacts on the part of all concerned we have had little time for much else. Extreme water conditions at the Air Base have made it necessary that we continue hauling all water from Alamogordo, more than doubling mileage. Drastic attempts are being made to get our largest tank into operation but so far we have not been successful. Equally futile efforts have been made to keep up with the picnic area crowds on cleanup, get up the new shades, tables and grills, etc, but here again we gain little. Joe has taken advantage of the recent rains and given the roads some needed repairs. He has also worked the shoulders on all the pavement.

We were glad to have our new Highway Engineer, Sam Hendricks, in for an official visit. Custodian Supernough was in for some surplus property. We appreciate having Bill finally get around to visiting us. We have been after him for 8 years to get over.

The State has re-oiled U. S. 70 from Alamogordo some 40 miles west and are widening the highway by working up and oiling the shoulders. This will add a great deal in appearance as well as safety.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Box 423, Alamogordo, New Mexico

August 23, 47

SUPERINTENDENT for the Regional Director, Region Three.

ANNUAL REPORT, 1947 1947 Travel Year To Date

Visitors 19,000 Cars 5744 Visitors 84,385 Cars 5762

Travel, not to be outdone by previous record breaking months during this travel year, breaks all annual count monthly records in the history of the Monument when 19,300 visitors.

Weather conditions on the whole have been good. Nearly two inches of rain has washed off this entire section making visits to the scenic west pleasure any time of the day. High for the month was 102 on the 11th with a low of 50 on July 31st.

Two official visits were made to the White Sands Proving Ground in connection with some surplus property desired by the Monument. One horsed duly was made to Jemez Pe on routine problems.

Except for visitor contacts on the part of all concerned we have had little time for much else. Extreme water conditions at the Air Base have made it necessary that we continue hauling all water from Alamogordo, more than doubling mileage. Permits attempts are being made to put our larger tank into operation but so far we have not been successful. Equally futile efforts have been made to keep up with plants over which we have no control, toilets and grills, etc., but there again we get up the sun shades, toilets and grills, etc., but there again we fail little. Joe has taken advantage of the recent rains and given the roads some needed repairs. He has also worked the shoulders on all the pavement.

We were glad to have our new Highway Engineer, Sam Gentile, in for an official visit. Prudential Supervisor was in for some surplus property. We appreciate having Bill finally get around to visiting us. We have been after him for 5 years to get over.

The Estate has re-sold N. S. 70 from Alamogordo some 50 miles west and are widening the highway by working up and oiling the shoulders. This will add a great deal in appearance as well as safety.

August 23, 1947 Monthly Report

Otero County comes out this month with a new weekly newspaper, The Otero County Times. In its initial issue featured article was the White Sands on the front page.

The concessioner reports an exceedingly heavy month with sales well above any previous month.

Some relief is in sight next month when we shorten the work day an hour (we hope) but with one of my rangers probably on vacation and our Temporary terminated little will gained. We will be pressed to hold our own unless we experience a big drop in visitors.

Anyway we present this brief report on August travel with no complaints on the part of our public and with pride in our area's popularity as shown by this large attendance.

Johnnie Paris,
Custodian.

in triplicate

PUBLICATIONS REPORT

WHITE SANDS NATIONAL MONUMENT TWOFOLD	0000
SOUTHWESTERN NATIONAL MONUMENTS (old)	750
GLIMPSES OF OUR NATIONAL PARKS	96
N. P. S. LOCATION MAP # 6	225

AUG 26 19

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Wupatki NATIONAL MONUMENT

Flagstaff, Arizona

August 25, 1947

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities at Wupatki National Monument for the month of August 1947:

Visitors this month: 601 Travel Year to date: 3437

Weather: Temperatures were cooler, a higher proportion of the days were cloudy and there was more rain than normal. Rainfall totaled 1.68", mostly in the form of gentle showers rather than cloudbursts. This year the rainy period was almost a full month late which seriously affected the growth of natural vegetation and the crops.

Roads: The condition of the entrance road improved considerably because of the moisture and our efforts in dragging. The road from Sunset to Wupatki has been opened to traffic from Sunset. It will become a two-way road when we can establish adequate turnouts.

Visitor Travel: Visitor use increased 25% over that of last year, being particularly noticeable at Wupatki Ruin. The registration at the Citadel dropped, possibly because many of the visitors failed to register. While working on the road one afternoon we counted 32 persons who visited the Citadel only. Eight of them had registered

Personnel: A local college student, Arnold A. Page, was employed on August 11 as a temporary ranger. This resulted in a decided increase in the facilities offered visitors, but we regret that Mr. Page can stay only until the early part of September.

General: Aside from routine and a few special projects most of our time has been spent on contact work. New signs have been prepared for the Monument and getting the holes down into some of the rocky sections is all that remains to complete this milestone. No small amount of time was spent in obtaining parts for the Army surplus equipment. In many instances it requires special parts which can be obtained only with difficulty. For instance, the Ford stake truck requires a six lug-hole wheel. Several agencies have tried to obtain one without success to date.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

_____ NATIONAL MONUMENT

_____

_____

Spring Flow: Wupatki Spring showed a decided increase in flow, jumping from 107 gpd last month to 196 gpd this month. Earlier in the month it was necessary to haul water from Heiser Spring in order to have an adequate reserve of water on hand. Heiser Spring continued to decrease measuring 1350 gpd compared to 1594 gpd last month. We are beginning to suspect that the decrease in flow of Heiser might be due to increasingly larger holes appearing in the rusted inlet pipe, but we do not have any pipe for replacement.

NPS Visitors: Assistant Regional Director Davis and Road Maintenance Engineer Hendricks August 15.

Publications on Hand:

Informational Leaflets-Wupatki	3000 copies
Glimpses of National Parks	40 "

David J. Jones
Custodian

SEP 3 1941

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120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Arches National Monument
Name of Area

August
Month
1947
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	
emporary			1

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans	4	40	2½ hrs
alks or Hikes	7	49	3 hr.
uins or Hist. House			
ther			
Total	11	89	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Windows Section	11	267	1/2 hr
Headquarters	31	461	1/4 hr
(Give Name or Type) Total	42	728	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
~~Headquarters~~ Windows Section	20	633	1 hr.
(Give Name or Type) Total	20	633	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
oadcasts			
lks			
splays and Exhibits			
plies to Inquiries			
her			

GOVERNMENT PUBLICATIONS SOLD (number)

page booklets	
pular Studies	
urce Books	

1450
Total Receiving Interp. Serv.
907
Total Number Visitors to Area

NAME Russell L. Makaw

TITLE **Custodian**

EMARKS: (Please note below any factors influencing interpretive service, such as: useum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
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"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITOR USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

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COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

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120905

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Aztec Ruins
Name of Area

August
Month

1947
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		2	
emporary		1	

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	322	2142	1 hr
ther Museum	410	3076	½ hr
Total	732	5218	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries	9		
ther			

5218
Total Receiving Interp. Serv.

3076
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

6 page booklets	180
opular Studies	
ource Books	

NAME Irving D. Townsend

TITLE Custodian

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

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120905

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Bandelier National Monument
Name of Area

August
Month

1947
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		2	2
Temporary			3

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	231	2750	76.3 min.
Other			
Total	231	2750	

TALKS	NO.		
Campfire — Museum Lobby	27	914	49.7 min.
Hotel or Lodge			
Museum (Not connected with conducted trip)	29	145	20 min.
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	56	1059	

ATTENDED INTERPRETIVE STATIONS	DAYS		
Museum Lobby	31	3345	10 min.
Fire Lookout	31	80	20 min.
(Give Name or Type) Total		3425	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Trails of Tsankawi, Ceremonial Cave, Stone Lions	31	1115	
(Give Name or Type) Total		1115	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

8349
Total Receiving Interp. Serv.

4469
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	
Popular Studies	
Source Books	

NAME Fred W. Binnewies
Fred W. Binnewies,
TITLE Custodian.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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120005

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

~~Canyon de Chelly National Monument~~
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	~~one~~	~~one~~	
Temporary	~~one~~		

~~August 1947~~ Month

~~1947~~ Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other	~~51~~	~~108~~	~~4.3 hr~~
Total	~~51~~	~~108~~	

TALKS	NO.		
Campfire			
Hotel or Lodge ~~HOrse back and Canyon car~~	~~3~~	~~20~~	~~3 hr~~
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)	~~25~~	~~61~~	~~.5 hour~~
Other (Not connected with conducted trip)	~~28~~	~~81~~	
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

~~189~~ Total Receiving Interp. Serv.

~~268~~ Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	
Popular Studies	
Source Books	

NAME ~~Meredith H. Gillet~~

TITLE ~~Custodian~~

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
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CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

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INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

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THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

4 5 6 AUG 1947

120005

Section 304
Reports
411 and 420

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

King
120905
Dodge

Capulin Mt. National Monument
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		one	
Temporary			

Aug.
Month
1947
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
None,			
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
None,			
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
None,			
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Wayside markers pointing out five of the principal points of interest.			
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

3000
Total Receiving Interp. Serv.

Total Number Visitors to Area
Nine thousand,

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	
Popular Studies	
Source Books	

NAME Henry Hart

TITLE Custodian,

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120905

ection 30
Reports
11 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

~~Casa Grande National Monument.~~
Name of Area

~~August~~ Month

~~1947~~ Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent	1	1	1
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	136	1009	47 Min.
ther - Museum	129	991	24.7 Min.
Total	265	2000	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
~~Museum etc.~~		708	
(Give Name or Type) Total		708	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
lks			
splays and Exhibits			
plies to Inquiries	3		
her			

2000
Total Receiving Interp. Serv.

1717
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

page booklets	30
pular Studies	
urce Books	

NAME

TITLE ~~Custodian~~ A.T. Bicknell

MARKS: (Please note below any factors influencing interpretive service, such as: useum closed for repairs", "closed for season", "naturalist on sick leave", etc.

~~Ranger Schuft on Annual Leave from Aug. 1st.~~

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RECEIVED AUG 27 1947

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120-05

ection 304
Reports
11 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Chaco Canyon National Monument
Name of Area

August
Month

1947
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		(1) Custodian	
emporary			(1) Ranger

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	29	108	90 mins.
ther			
Total	29	108	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)	24	93	18 mins.
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total	24	93	

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total	0	0	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total	0	0	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
plies to Inquiries			
ther			

201
Total Receiving Interp. Serv.

108
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

page booklets	
opular Studies	
ource Books	

NAME Irving McNeil, Jr.

TITLE Custodian

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

uch wetweather and many miles of muddy approach roads prevented visitors from coming in to the Monument.

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120905 1947

ection 304
Reports
11 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

CHIRICAHUA NATIONAL MONUMENT
Name of Area

August
Month

1947
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	1
emporary			1

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes	1	41	2 hours
uins or Hist. House	4	36	2½ "
ther			
Total		77	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Headquarters Museum	31	1325	½ hour
(Give Name or Type) Total	31	1325	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Massai Point Orientation Station (Estimated	31	730	½ hour
(Give Name or Type) Total	31	730	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries			
ther			

2132
Total Receiving Interp. Serv.

1457
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

6 page booklets	
opular Studies	
ource Books	

NAME Clair V. Cooke

TITLE Clair V. Cooke, Custodian.

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TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

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UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

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INSTRUCTIONS FOR FILLING OUT THE FORM

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120905

Section 304
Reports
11 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

El Morro
Name of Area

Aug
Month
1941
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary	1		

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes	34	156	1 hr.
Ruins or Hist. House			
Other			
Total	34	156	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

156
Total Receiving Interp. Serv.

169
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

6 page booklets	
Popular Studies	
Source Books	

NAME Peter Nelson

TITLE Custodian

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120905

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Reports
411 and 420

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

GRAN QUIVIRA NATIONAL MONUMENT
Name of Area

AUGUST
Month
1947
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		ONE	
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	90	439	62 mins.
Other			
Total	90		

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

439
Total Receiving Interp. Serv.

439
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME Ernest W. Bright

TITLE Custodian.

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RECEIVED 1938 120905

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Montezuma Castle National Monument
Name of Area

August
Month
1947
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1 (Hastings)	2 (Leding, Schroeder)
Temporary			1 (Frost)

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	175	1067	60 min.
Other			
Total	175	1067	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)	144	543	10 min.
Other (Not connected with conducted trip)			
Total	144	543	

ATTENDED INTERPRETIVE STATIONS	DAYS		
Museum (not continuously attended)	31	1535	15 min.
Orientation (connected with conducted tour but information received by those not making trip)	31	847	10 min.
(Give Name or Type) Total	62	2382	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Sycamore Trail (self-guiding with leaflet)	31	Not recorded	20 min.
Mont. Well trail (self-guiding with leaflet)	31	543	20 min.
(Give Name or Type) Total	62	543	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	8		
Other			

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	
Popular Studies	
Source Books	

4535
Total Receiving Interp. Serv.

3113
Total Number Visitors to Area

NAME Homer F. Hastings

TITLE Custodian

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RECEIVED AUG 22 1947

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120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Natural Bridges National Monument
Name of Area

August
Month

1947
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent			
Temporary			1

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes	1	10	4 hrs.
Ruins or Hist. House			
Other			
Total	1	10	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Headquarters	27	143	1½ hrs
(Give Name or Type) Total	27	143	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Headquarters	4	23	1 hr
(Give Name or Type) Total	4	23	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	5	11	1/2 hr.
Other			

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

176
Total Receiving Interp. Serv.

166
Total Number Visitors to Area

NAME Russell L. Mahan

TITLE Acting Custodian

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INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

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120905

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Reports
411 and 420

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

NAVAJO NATIONAL MONUMENT
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		~~1~~	~~1(part time)~~
Temporary			

~~August~~ Month

~~1947~~ Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans BETATAKIN	~~3~~	~~30~~	~~4~~
Walks or Hikes SANDAL TRAIL	~~3~~	~~9~~	~~1½~~
Ruins or Hist. House			
Other			
Total	~~6~~	~~39~~	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	4		
Other			

~~39~~
Total Receiving Interp. Serv.

~~62~~
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME _____

TITLE ~~J.W. Brewer, jr.,~~ Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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AUG 1937

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

ORGAN PIPE CACTUS NATIONAL MONUMENT
Name of Area

AUGUST
Month
1947
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	0	1	1
Temporary	0	0	0

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Headquarters	20	38	1/2
(Give Name or Type) Total	20	38	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

38
Total Receiving Interp. Serv.

5723
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

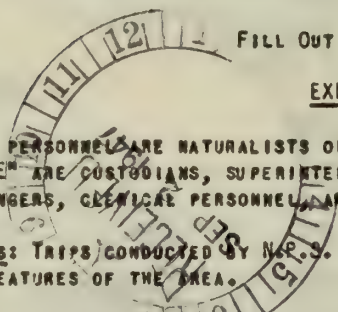
6 page booklets	
Popular Studies	
Source Books	

NAME William R. Supernaugh
TITLE Custodian

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120505

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Saguaro National Monument
Name of Area

August
1947
Month
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		2	
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Monument Headquarters	16	130 persons in 39 parties	1245 min. tot. 31.9 min. avg.
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	
Popular Studies	
Source Books	

130
Total Receiving Interp. Serv.

481
Total Number Visitors to Area

James T Fulton
NAME James T. Fulton

TITLE Acting Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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MONTHLY . TISTICAL REPORT OF INTERPRETIV SERVICES
IN NATIONAL PARK AREAS*

Sunset Crater National Monument
Name of Area

August
Month
1947
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent			1
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther			
Total			

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Interpretive Contact	22	636	12 Min.
(Give Name or Type) Total	22	636	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Trailside Signs	31	1575	5 Min.
(Give Name or Type) Total	31	1575	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
plies to Inquiries			
ther			

2211
Total Receiving Interp. Serv.

3937
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

page booklets
opular Studies
ource Books

NAME Robert F. Upton

TITLE Ranger in Charge

EMARKS: (Please note below any factors influencing interpretive service, such as: useum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

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SEP

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Tonto National Monument
Name of Area

August
Month

1947
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	1	1	
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	74	231	30 -60 min. (average) 3325 total
Other			
Total	74	231	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Exhibit room - museum	31	298	15 - 20 min. 1560 total
(Give Name or Type) Total	31	298	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	5		
Other			

529
Total Receiving Interp. Serv.

414
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	
Popular Studies	
Source Books	

NAME Charles C. Sharp

TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Tumacacori National Monument
Name of Area

August
Month

1947
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	1
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	141	818	37.58 mins
Other			
Total	141	818	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	0	0	

ATTENDED INTERPRETIVE STATIONS	DAYS		
Contacts at registry desk in lobby, or in museum. (Information service and Interpretation combine in these contacts; all visitors except runarounds get this service.)	31	1,449	5 mins
(Give Name or Type) Total	31	1,449	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Museum is self-guiding; guide does not station himself in museum, but is located in lobby when not on ruin trips or working at something else; orients visitors in museum, turns on lights, etc.	31	1,386	10 mins.*
(Give Name or Type) Total	31	1,386	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	1		
Other			

3,652
Total Receiving Interp. Serv.

1,502**
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	none
Popular Studies	"
Source Books	"

NAME Earl Jackson

TITLE Earl Jackson, Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*Estimate. **Including 53 runarounds. Power failures for part of several days kept a number of visitors from seeing museum exhibits.

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Tusigoot National Monument
Name of Area

August
Month
1947
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent	One		
emporary	One		

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	456	2008	19 min.
ther			
Total			

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)	899	1838	21 min.
rientation (Not connected with conducted trip)	420	2070	
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries	6		
ther			

5916
Total Receiving Interp. Serv.
2065
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

6 page booklets	
opular Studies	
ource Books	

NAME Roland Richert
TITLE Roland Richert, ~~Acting Custodian.~~

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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MONTHLY TISTICAL REPORT OF INTERPRETIV SERVICES IN NATIONAL PARK AREAS*

Walnut Canyon National Monument
Name of Area

August
Month

1947
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		One(part-time)	One(part-time)
emporary			One(part-time)

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther			
Total			

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Overlook at Administration Building	27	2,806	1/3 hr
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Ruins trip	31	2,545	1 hr
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
oadcasts			
lks XXXXX w/movies	1	75	1 1/2 hrs
splays and Exhibits			
plies to Inquiries			
her			

2,806
Total Receiving Interp. Serv.

3,895
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

page booklets	
pular Studies	
urce Books	

NAME Paul L. Beaubien

TITLE Custodian

MARKS: (Please note below any factors influencing interpretive service, such as: useum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Observation Point left unattended four days. Personnel on forest fires two days, and two days spent on power line survey.

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AUG 29 19

120905

ection 30
Reports
1 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

WHITE SANDS NATIONAL MONUMENT
Name of Area

AUGUST
Month

1947
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	2
mporary			1

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
ains or Hist. House			
ther			
Total			

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
MUSEUM	31	3956	1/6
(Give Name or Type) Total	31	3956	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
oadcasts			
lks			
splays and Exhibits			
plies to Inquiries			
her			

3986
Total Receiving Interp. Serv.

16390
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

page booklets	
pular Studies	
urce Books	

NAME

TITLE Park Ranger

MARKS: (Please note below any factors influencing interpretive service, such as: useum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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120905

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Wupatki National Monument
Name of Area

August
Month
1947
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary		1	

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	105	361	45 min
Other			
Total	105	361	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Malakihu Exhibit	31	192	06 min
(Give Name or Type) Total	31	192	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

563
Total Receiving Interp. Serv.

601
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	
Popular Studies	
Source Books	

NAME David J. Jones

TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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MAR 3 1947
120909

UNITED STATES
DEPARTMENT OF THE INTERIOR
National Park Service
Region Three
Santa Fe, New Mexico

October 16, 1947.

Routing List Southwestern National Monuments Areas

	Name of Official	Date Received	Date Forwarded
Bandelier	Fred Kennedy	Oct. 18, 1947	
Great Sand Dunes	[illegible]	10-30-47	11-1-47
Pinnacles	E. W. Bright	11-3-47	11-4-47
Montezuma Castle	H. Hastings	11/6/47	11/8/47
Canyon de Chelly	M. Mullet	11/12/47	11/14/47
El Morro	B. Wilson	11-20-47	11-28-47
Aztec Ruins	[illegible]	11-28-47	11-28-47
Chaco Canyon	[illegible]	[illegible]	[illegible]
Capulin Mountain	[illegible]	12-7-47	12-10-47
Gran Quivira	Wm. Bowen	12-13-47	12-15-47
Arches	P L M	12/18/47	12/27/47
Region Three Office--Mr. King			

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Arches NATIONAL MONUMENT

Moab, Utah

September 29, 1947

MEMORANDUM for the Regional Director, Region Three:

The following is a narrative report for Arches National Monument for the month of September, 1947:

GENERAL: Again this month we have had exceptional travel and all of our visitors ask these questions; "Why haven't we heard about this country before" and "Why hasn't this area had more publicity". From the requests for information and the reactions of our visitors it looks like Arches is on the way to becoming an important scenic area.

WEATHER: Rain fell on September 9th and 16th. Heavy wind was experienced on September 17th with strong winds on several other occasions. The temperature generally has been much warmer this month than in August, and at this writing we are having our regular August weather, very warm.

SPECIAL ACTIVITIES: A trip was made to Blanding on September 12th to deliver two tires to Ranger Redd for the Natural Bridges pickup.

I attended a meeting of the Associated Civics Clubs of Southern and Eastern Utah which was held in Moab on September 27th. The attendance was very small. Matters discussed were: Colorado River Basin problems as they effect southeastern Utah; vital road problems for this section; and contemplated airport projects. A banquet was held during the evening with a total of 80 people in attendance.

TRAVEL: Travel again shows a marked increase over the preceding month and was approximately three times that for the same month last year. We had a total of 335 cars and 1079 people as compared with 907 people for August and 397 people for September, 1946. We had representation from 34 states, Canada, China, Alaska and Peru. As was the case last month, the out-of-state visitors predominated.

INTERPRETIVE SERVICES: The interpretational and informational angle at this monument is getting to be big business. A good percentage of our visitors stop at headquarters for information on the area and for the month of September, at this point, we had 141 parties consisting of 446 people. At the Windows we contacted 84 parties containing 284 people. Most of this contact

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Arches ..... NATIONAL MONUMENT

..... Box 3, Fruita .....

..... September 22, ... 1947

work was carried on by the custodian and HCWP due to the fact that Ranger Walker resigned on September 3rd. Four guided trips were taken during the month with a total of 19 interested visitors and two caravans were taken to outlying sections with 10 people. Several parties made the hike to Delicate Arch from Balanced Rock, a distance of 6 miles, due to the condition of the Salt Valley approach road. The Courthouse Towers section has been very popular with hardly a day passing that two or three parties do not make this hike.

COOPERATING GOVERNMENTAL AGENCIES: The contract between Grand County and the Utah State Department of Publicity and Industrial Development for Arches roads, has been approved by the Grand County Commissioners and is now in the hands of the Utah State Finance Commission for final approval. No Service approval has been received as yet. District Engineer Miles of the Utah State Road Commission made an inspection of the contemplated work and checked on possible improvement of U93 from the highway to the monument boundary. He later advised me that he had, in his report, suggested the expenditure of $7000.00 by the highway department for the betterment of this portion of the road.

RANGER SERVICE: Temporary Ranger Billy Walker resigned effective September 3rd at 5 p. m.

ROADS: The State maintenance crew finished emergency repairs to the Windows road on August 27th. The road was put in passable but was very soft in spots. The headquarters roads were also graded by them at this time. This crew spent an additional two days hauling shale to the worst spots and Laborer Winbourn worked 7 days hauling shale on the portion of road in the monument. At this writing they again have the patrol grading the road but will not be able to accomplish much due to lack of moisture.

The approach road to Devil's Garden and Delicate Arch is in very poor shape, due to the August storms, but is passable and has been used by several parties who have visited these sections.. One day was spent repairing culvert approaches on this road.

MAINTENANCE: Merle R. Winbourn of Moab was entered on duty as a laborer on August 27th to repair damage caused by the storm of August 21st. The channel was changed in the wash behind quarters and approximately 25 feet of retaining wall was built to turn the water in the new channel. The old retaining wall on the main channel was repaired and raised 18". Several truck loads of sand were removed from the grounds. Sand was removed from the pump room at the warehouse and diversion ditches were dug around this building to handle water on future storms.

The water pumping system ceased functioning on September 8th.

work was carried on by the custodian and NPS due to the fact that Ranger Walker resigned on September 3rd. Four guided trips were taken during the month with a total of 13 interested visitors and two campers were taken to outlying sections with 10 people. Several parties made the hike to Delicate Arch from Salvage Draw, a distance of 8 miles, due to the condition of the Salt Valley approach road. The Courthouse Towers section has been very popular with nearly a day passing that two or three parties do not make this hike.

COOPERATING CULTURAL AGENCIES: The contract between Grand County and the Utah State Department of Publicity and Industrial Development for Arches road, has been approved by the Grand County Commissioners and is now in the hands of the Utah State Planning Commission for final approval. No service appeal has been received as yet. Charles Dufresne, Utah of the Utah State Road Commission is an inspection of the aforementioned route on possible improvement of 100 from the highway to the monument boundary. It is our understanding that he [illegible] report, concerning the expenditure of $7500.00 by the Highway Department for the betterment of this portion of the road.

[illegible]: Temporary Ranger Billy Walker resigned effective September [illegible].

[illegible]: The Park Headquarters was flooded completely twice to the [illegible] on August 17th. The road was put in passable but not very soft in spots. The headquarters roads were also graded by them at this time. This area appears to maintain two days heeling shale to the more rapid and labors thereon worked 7 days heeling shale on the portion of road in the monument. [illegible] while writing they would have the patrol grading the road but will not be able to accomplish such due to lack of moisture.

The approach road to Devils Garden and Delicate Arch is in very poor shape, due to the dusty shale, but is passable and has been used by several parties who have visited these sections. No dry wash repairing entered appreciable on this road.

[illegible]: Three [illegible] of fuel oil ordered on [illegible] a labor [illegible] [illegible] to the [illegible] damage caused by the storm of August [illegible]. The electrical was changed in the walk behind mowers and operational [illegible] of [illegible] mail was built to cover the motor in the new shelter. [illegible] on the main electric was replaced by [illegible]. Several [illegible] were removed from the grounds. Sand was removed from the [illegible] mowers and driveway at the [illegible] by [illegible] or future season.

The water supply system caused considerable [illegible]

Upon pulling the sucker rod is was found that a rod connection had parted at the working valve and considerable fishing was necessary before the valve could be recovered. The repairs were completed on September 9th.

High winds on September 17th snapped a pole on our telephone line near quarters. This was replaced and an additional pole installed to decrease the length of the span at this point.

The same wind caused considerable damage to the roof of the warehouse, removing several sections of paper. This was repaired on September 18th.

Russell L. Malan
Custodian

(in trip).

RECEIVED
OCT 1 1947

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
AZTEC RUINS NATIONAL MONUMENT
AZTEC, NEW MEXICO

25 Sept 1947

MEMORANDUM for the Regional Director,
Region Three, National Park Service.

There follows the report of activities in Aztec Ruins for September 1947.

WEATHER. Sporadic, light rainfall and quite generally, excellent weather has favored the some 2 thousand visitors to this area this month. Usually September finds our first frost coming with chilly weather, but so far no frost and no disagreeable weather has marred the ideal.

MAINTENANCE. The electric pump and motor was removed from the small covered kiva in the court yard of the ruins. This pump and motor had been in use for some 3½ years in pumping seepage water from this structure. Since the operation of the drainage ditch the water table of the area has been lowered some 4 feet and since the water no longer came above a level of approximately 1 foot below the level of the kiva floor, use of the pump was no longer necessary. Pump removed August 28.

Large house jacks were obtained from Chaco Canyon and will be used in raising the roof of the small covered kiva enough to allow the removal of cracked timber and replacement with new.

INSPECTIONS. Dr. Reed, Dr. and Mrs. Hans Huth of the Chicago Art Institute and Mr. and Mrs. R. F. Lee, Chief Historian, NPS, visited Sunday 14 September.

Raymond Lovelady, Architect, Region Three visited the 18-19 Sept and contacted several construction contractors in this locality.

INCREASE IN TRAVEL. There were 2020 visitors in 629 cars from 37 states, Washington, D.C., Hawaii, Mexico, Belgium, France and India. This is an increase of approximately 11.5% over September 1946.

VISITORS. Dr. and Mrs. H.A. Hansen, Historian, John Muir College, Pasadena, Calif., Dr. and Mrs. D.S. Davidson, Asso. Prof. Anthropology Univ. Oregon, Eugene, Ore., Dr. and Mrs. I. O. Foster, Professor of History, Indiana University, Bloomington, Ind., Dr. T.C.V. Worman, Prof. Anthropology, Adams State College, Alamosa, Colo., E.W. Eaton, US Counselor Service, Piedras Niegras, Mexico, Richard B. Woodbury, United Fruit Co., Guatamala(working on museum construction), Walter D. Enger, Timpanogas Cave, Ranger and Mrs. Byrd, Mesa Verde, Colo.

INTERPRETIVE SERVICES. There were 1562 people conducted in 221 trips thru the ruins and 2020 visitors in 506 parties were shown the museum.

PUBLICATION REPORT.

16 page pamphlet, on hand ---------- 626
Free, 2-fold leaflet, on hand ---------- 85

Irving D. Townsend,
Custodian

AZTEC

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

AZTEC RUINS NATIONAL MONUMENT

AZTEC, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

September 30, 1947.

MEMORANDUM for the Regional Director, Region Three.

There follows a report of the activities at Bandelier National Monument for the month of September, 1947.

Weather

Almost ideal weather from the visitor's standpoint prevailed during September and the month ended with a touch of beautiful Indian summer. The maximum temperature was 95 on September 1 and 2 lowering to the mid-eighties for most of the month. The minimum on the 12th of 39 degrees was the only temperature below 40 degrees for the entire month. This was in sharp contrast with the freezing 28 degrees recorded on September 25, 1946. 1.31 inches of rain fell.

Roads and Trails

The project of seal coating the parking area and the 2.7 miles of road leading into Frijoles Canyon was completed by Floyd Haake during the month and the final inspection and estimates have been made. A light coat of oil was also applied to the utility areas and to the road leading to the residences.

The approach road is in average condition. The entire road has been bladed several times and the dips in Pajarito and Water Canyons were leveled up. The rocks in the roadbed near Pajarito Canyon were removed. Logs were cut and hauled for the repair of one of the foot and horse trail bridges above the headquarters area.

Special Activities

The custodian met with Mr. DiLuzio of the Atomic Energy Commission on September 9 and 19 to go over a section of road in Sandia Canyon that was desired by the Commission for entrance into Los Alamos lands. It was finally decided that the Commission would use another road that is just outside of the monument.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

September 20, 1947.

Memorandum for the Regional Director, Region Three.

There follows a report of the activities at Bandelier National Monument for the month of September, 1947.

Weather

Almost ideal weather from the visitor's standpoint prevailed during September and the month ended with a touch of beautiful Indian summer. The maximum temperature was 75 on September 1 and 2 marking in the mid-eighties for most of the month. The minimum on the 12th of 42 degrees was the only temperature below 45 degrees for the entire month. This was in sharp contrast with the freezing 32 degrees recorded on September 22, 1946. 1.31 inches of rain fell.

Roads and Trails

The project of sand sealing the parking area and the 0.7 miles of road leading into Frijoles Canyon was completed by Floyd Skaggs during the month and the final inspection and estimates have been made. A light coat of oil was also applied to the utility areas and to the road leading to the residences.

The approach road is in strong condition. The entire road has been filled several times and the dips in Defiance and Water Canyons were leveled up. The rocks in the washed out Defiance ditches were removed. Logs were cut and hauled for the repair of one of the foot and horse trail bridges above the headquarters area.

Special Activities

The controlled cut with Mr. Dillwin of the Atomic Energy Commission on September 5 and 12 to go over a section of road in Smith Canyon that was desired by the Commission for entrance into the Alamo Lands. It was finally decided that the Commission would use another road that is just outside of the monument.

Messrs. Bradley, Thomas, and Diehl from the Region Three Office, Mr. O'Connor of the Atomic Energy Commission, and the custodian inspected several possibilities for the power line from Los Alamos on the 24th. The route from the west gate of the Los Alamos project was decided on as being most favorable.

Power Line

Negotiations with the Atomic Energy Commission have re-opened with reference to a hookup with their power line and the outlook for favorable approval appears good despite the definite refusal reported in August. A preliminary survey of a proposed line is now underway by Engineer Bradley of the Region Three Office.

Maintenance

The electric power system still causes some difficulty, but the repair and re-installation of the Diesel plant by Los Alamos technicians have at least temporarily solved our major difficulty. The 3 KW plant was put in place for use during the winter to provide daytime office lights.

The maintenance man spent some time converting the dormitory into light housekeeping quarters to alleviate the housing shortage.

Increase in Travel

The travel for September kept up very well to show an increase of more than 200 people over September of 1946. The annual travel figures at the close of the travel season indicate an increase of 8% over those of 1946 and are the largest in Bandelier history.

Interpretation

The interpretive program was changed at the time of the release of the seasonal rangers on Labor Day. The evening lecture program has been dropped and the ruins trip schedule was altered to provide 7 trips daily at 1½ hour intervals in lieu of the 10 trip schedule. More people went through the ruins this month than in June, although there were a few less parties.

Visitors

Noteworthy visitors during September were Chief Historian Lee and his party including Mrs. Lee and Dr. and Mrs. Hans Huth who were escorted to the monument by Erik Reed and Dale King. Other National Park Service official visitors during September included Charlie Steen, Luis Castellum, Sam Hendricks, Willard Bradley, John Diehl, J. R. Lassiter and Paul Thomas.

Bandelier's niece, Mrs. H. H. Kaune, visited Bandelier with some of her family on August 31. Foreign visitors came from Canada, Mexico, Sweden, and Scotland.

Protection

A patrol of the entire boundary of the Otowi Section revealed several open gates and the need for minor repairs. A stretch of fence at the point where State Highway No. 4 enters the monument on the eastern side has not been rebuilt after having been removed by highway crews. Several cuts in the fence on the north boundary were probably made for the purpose of removing range cattle from the monument area. 12 head of cattle were removed from the Otowi Section during September.

Extensive patrol has been made of the Otowi Section for the purpose of preventing and detecting vandalism. No evidence of recent "pot-hunting" has been found, but several different parties were intercepted holding target practice on the area. These people, residents of the Los Alamos Atomic Bomb Project, were informed of the reasons for regulations against the use of loaded guns in the parks and monuments.

Installation will be made of additional boundary markers and Antiquities Act posters on both sections of the monument as they become available.

Wild Life

Two young mountain lions provided the wild life story of the year for us by chasing a doe and her fawn into Frijoles Canyon within a short distance of the stabilization crew. One of the lions was close on the heels of the fawn when frightened away by the shouts of the crew and would undoubtedly have caught it. The doe in the meantime came across the canyon by Tyuonyi where the boys were working. The other lion was then spotted standing on a rock along the south rim almost above Tyuonyi.

Stabilization

The stabilization project got well under way as the weather stayed almost perfect for that type of work. To date, 46 rooms have had the walls stabilized and 6 rooms have had subfloor test pits completed to determine the complete construction.

Personnel

Seasonal Ranger Bob Morris was terminated on August 31 and Seasonal Rangers Jack Turney and Joe Thomas were terminated on Labor Day. Joe Thomas was reappointed WAE Guide and was on duty on weekends to help with the heavy Sunday crowds. However, due to the budget, he will not be used again after September until next spring.

Clerk Bean spent September 8 to 11 and 15 to 17 assisting with

reports on surplus property by the Regional Engineer's Office.

Lodge

It is with sorrow that we report the death of Richard X. Frey, son of Mrs. Evelyn C. Frey who operates Frijoles Canyon Lodge. Richard died at the Los Alamos Hospital on September 1, 1947.

Although business at Frijoles Canyon Lodge decreased considerably after the Labor Day weekend, the 325 lodgings during September have been considered to be sufficient to warrant continuation of operations until the middle of October.

Fred W. Binnewies

Fred W. Binnewies,
Custodian.

Respectfully submitted by the Regional Engineer's Office.

Enclosure

It is with sorrow that we report the death of Richard L. Troy, son of Mrs. Irene L. Troy who operates Trifolium Coupon Eating Station #124 at the Lincoln Hospital on September 1, 1917.

Although Trifolium at Trifolium Largum Lutig destroyed considerably after the July 4th weekend, the 1st Indiana Infrig Regimental Band remained to be sufficient to warrant continuation of operations until the middle of October.

Fred H. Simmons,
Quartodian.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

..... NATIONAL MONUMENT

Canyon de Chelly National Monument
Chinle, Arizona

..... 19 ....

September 26, 1947

MEMORANDUM for the Regional Director, Region three.

The following is a report of activities at Canyon de Chelly National Monument during the month of September, 1947.

Weather

Rainfall during the period has been above normal with 2.26 inches since August 25. These rains filled the stock reservoirs and many natural lakes that have had no water at this time of year for a long time. Range conditions have improved greatly. Maximum temperatures have been mostly in the high eighties with a high of 91 degrees. a minimum temperature of 39 degrees was registered on September 15. Killing frosts occurred the same night in the higher elevations. The Rains rendered Canyon travel out of the question most of the month.

Administration

A trip was made to Santa Fe and business was discussed in the Regional office on Setp.10, 11, and 12th. One trip was made to Gallup, New Mexico on August 25 for supplies and equipment. Patrols were made in both Canyons.

Maintenance

The heavy rains rendered the approach road from Chinle almost impassable as the road in spots has sunken lower than the wash. Some fill was made but a detour road was repaired and made usable. Roads have been drug and fills made where they were damaged extensively by the rains. A water pipe broke under the floor of the Service perch. This was dug out and repaired. much time has been spent in small maintenance Jobs. The Dump Truck is being overhauled at the Indian Service Garage.

Ranger Service

Temporary ranger Richard K. Thomas was separated August 31. Park Ranger John S. Benson resigned his position on September 19. This now leaves only the Custodian on duty.

Visitors

Dr. Earl H Morris and his new bride visited the area on September 21 and 22nd. Mr. and Mrs. Millotte of Millotte enterprises were also in.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
NATIONAL MONUMENT

Casa Grande National Monument
Coolidge, Arizona
September 15, 1937

[illegible] for the Regional Director, Region Three.

The following is a report of activities at Casa Grande National Monument during the month of September, 1937.

Weather

Rainfall during the period has been above normal with 2.25 inches since August 25. Three rains filled the stock reservoirs and many natural lakes that have had no water at this time of year for a long time. Large conditions have improved greatly. Maximum temperatures have been mostly in the high eighties with a high of 91 degrees. A minimum temperature of 52 degrees was registered on September 12. Chilling breeze occurred the same night in the higher elevations. The rains received Casper travel out of the question most of the month.

Administration

A trip was made to Santa Fe and Pentagon was discussed in the Regional office on Sept. 10, 11, and 12th. One trip was made to Coolidge, Ariz. on August 25 for supplies and equipment. Patrols were made in both Cadillacs.

Maintenance

The heavy rains received the approach road from Chiola almost impassable as the road is quite low over this area. Some fill was made but a detour road was required and made usable. Roads have been dug and fills made where they were damaged extensively by the rains. A water pipe broke under the floor of the Ramada portal. This was dug out and repaired. much time has been spent in small maintenance jobs. The dump truck is being overhauled at the Indian Service Garage.

Ranger Service

Temporary ranger Richard K. Thomas was appointed August 31. Park Ranger John L. Benson resigned his position on September 15. This now leaves only the Custodian on duty.

Visitors

Mr. Earl S Morris and his new bride visited the area on September 21 and 22nd. Mr. and Mrs. Millotte of Millotte enterprises were also in

Visitors- Con't.

The Millettes are motion picture photographers who work with Walt Disney studios and others.

Travel

The travel year to date closed with a total of 2232 visitors or an increase of 493 over the 1946 figure of 1,839. Had road conditions been better during August and early September I believe that we would have exceeded any travel year to date. Although our travel was well over last years figure, our concessioner, Thunderbird ranch did only about half the amount of business. Campers were far more numerous.

Archeology

A well preserved mummy of a turkey was discovered by Ranger Thomas while working on pictographs in a cave just west of the mouth of Del Muerto. Permission was obtained to remove it and when Dr. Earl Morris was here He kindly helped me to remove it and said that it was undoubtedly an early Basket maker burial. Its head had been removed but otherwise it is in suprisingly good condition. To our knowledge, this is the best preserved and only whole mummy of a turkey from this period. It was an interesting burial in that it was not associated with any others and had apparently been interred in a crude rock cist.

It was a priviledge to be able to go over some of our sites with Dr. Morris and hear his interesting stories of his archeological work in the canyons.

Interpretive Services

A total of 32 conducted trips were made into the canyon with 219 people. Time spent with these groups totaled 102.5 hours.

Government Publications on hand

Glimpses of National Parks 21
Map Folder No.6.....300
Map Folders, SWNM.....140
Mimeographed leaflets, CDC.....591

General

Lamb buying has started in in earnest with traders paying .16 which is about as good a price as they have ever received. Many squaw dances have been held during the past month.

Meredith M. Guillet
Custodian

Visitors Don'ts.

The Visitors are warned against photographers who want with Mary Stancy studios and others.

Travel

The travel year is also closed with a total of 5332 visitors or an increase of 443 over the last figure of 1,918. Bad road conditions keep farmer during August and early September I believe that we could have exceeded any travel year to date. Although our travel was well over last years figure, our communications Committee reads did only about half the amount of business. Prospects were for more business.

Archaeology

A well preserved mummy of a turkey was discovered by Dwight Thorne while working on photographs in a cave just west of the mouth of Del Muerto. Permission was obtained to remove it and when Dr. Earl Morris was here he kindly helped me to remove it and said that it was undoubtedly an early Basket Maker burial. The bird had been removed but otherwise it is in especially good condition. To our knowledge, this is the best preserved and only whole mummy of a turkey from this period. It was Dr. Morris' belief (a fact it was not calculated still may others and had apparently been fastened in a crude rock slab.

It was a privilege to be able to do over some of our films with Dr. Morris and hear his interesting stories of his archeological work in the canyons.

Interpretive Service

A total of 32 organized trips were made into the canyon with 715 people. Time spent with these people totaled 102.2 hours.

Government Publications on Hand

Glimpses of National Parks.....25
Map Folder No.4.....100
Map Folders, Each.....5c
Mimeographed Leaflets.....Ad

RECEIVED SEP 30 1947

General

Each Spring let start... with trailers requiring .11 rate is about as good a price as ... ever received. Many square tables have been sold during the past month.

Merrill E. Mattes
Custodian

September 25, 1947

Memorandum for the Region Director,
Region Three, National pPark Service,
Santa Fe New Mexico,

There follows a report of the activities in and aroun Capulin Mountain National Monument for the month of September 1947.

Four thousand five hundred visitors to the old Volcano this month, bringing total travel yr to date to 29460 and fiscal year to date to 19.500

Free Publications of the folders describing this Monument on hand at this date four hundred,

Weather
has been extra fine all thru the month, a light frost on the night of the twelvth and since that date extra nice and warm every day.
Three days of fairly high winds and one day partly cloudy,

Roads and Trails in the Monument are in fair condition, despite a very heavy usage all summer, It appears that we have had more satisfied visitors this summer than ever before and the road has required considerable attention, however we have had no serious washouts as we usually do have each summer, We have had only the ruts and the falling rock and cinders to contend with,

Fall color has begun to show among the trees and bushes, yellow, gold, purple, green and red and many other shades as always shows in the Autumn.

Very Respectfully,

Homer J. Farr,

RECEIVED
SEP 29 947

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Sept. 25, 1947

MEMORANDUM for the Regional Director,
Region Three.

There follows the narrative report for Casa Grande National Monument for September, 1947.

General: A report by the Mesa Junior Chamber of Commerce, states that visitor inquiries received are greater than ever before. They also state that they are prepared to take care of over twice as many visitors with 19 new auto courts having been completed in the Mesa district. Additional accommodations are avilable throughout the Valley of the Sun, and the lack of them which was the limiting factor last year, shouldn't affect the visitor totals. If the weatherman cooperates southern Arizona should be in for a banner travel season.

Weather: A comparison with Sept. 1946 indicates that Sept. 1947 averaged out to be about the same. A high of 113 and a minimum of 57 was recorded. Rainfall on the monument was negligible with .01 inches falling as compared to over 4" last year. Reports from the surrounding country and the watersheds behind Coolidge and Roosevelt Dams indicate that the rainmakers have been active and there are several thousand acre feet of water now in reserve behind them. The peak for water using has been reached however and now the concentration is on getting enough water in storage to assure a supply for next year.

Administration: On 8/26/47 The Tucson Roofing & Contracting Co. started work on Contract # I-33NP-96, which consisted of repairing and replacing flashing on utility area buildings and stuccoing fire walls. This work was completed on Sept. 5. G. Fitzpatrick picked up the junked Ford Pickup, Serial # 18-4553405, which he purchased under Region Three Contract # 33-5.

Visitors: September - 1947: 1680; September - 1946: 1771; September - 1941: 1008. Travel year to date 1947: 34,416; Travel year to date 1946 : 26,194. The increase in travel over 1946 amounts to 8222 visitors or about 33%. Revenue from ticket sales totalled $5700.00. SWNM Association publication sales were $1470.00 and figuring a 30% profit it would give us a revenue produced of $6200.00. Last Year when questioned a lot of the visitors stated they came down in Sept. because they were afraid they couldn't get accommodations later but this year with the increased tourist courts and etc. available one begins to wonder just what is in store for us.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

.. Interpretive Services: Of the 1680 visitors to the area 926 made the Ruins trip in 136 trips averageing 50 minutes per trip. 786 made the museum trip in 116 parties averaging 23.5 minutes per trip. One armed forces visitor in uniform is included in the above total. The visitors as a rule are very interested and their thankyous and expressions of appreciation can usually be heard at the end of every trip. 754 came into the area but did not make the Ruins trip.

Maintenance: The museum cases were opened, cleaned, and worked over. In quarters # 6-3 an electric hot water heater was installed, bathroom, kitchen, dining room, living room, and hall were painted. Outside of the same quarters a concrete base for butane tanks, and concrete drains for taking water away from house, were installed. Two truck loads of dirt were hauled and placed around the base of the quarters. The pump house was rewired and new fixtures installed. In quarters # 9-1, the apartment, the main room was kalsomined, wood work painted, and fixtures and furniture cleaned up. The files are gradually being worked over, old and obsolete material pulled out and placed in back room, and new file covers and headings made.

Trips Taken: Sept. 3 & 17th. Mechanic Stonehocker made trips tp Phoenix to pick up parts. Sept. 22, Custodian Bicknell w/Chief Clerk Castellum made trip to Tonto National Monument, returning that evening. On trip Tonto's repaired wash machine, 1 doz. bird traps, and 2 butane tanks were delivered.

Personnel : Archeologist Schumacher resigned effective at 5 P. M. Sept. 4. He, Mrs. Schumacher, and the baby left here the morning of the 5th. for Houston, Texas. His purpose in resigining was to go back to school and work toward getting his Dr's degree.

Leaves Taken: On 8/25/47 Mechanic Stonehocker returned to work after being on leave which started Aug. 1. Sept. 18th. he took one hour of sick leave. 9/7/47, Ranger Schuft returned to work after being on leave for approximately a month.

NPS Visitors & Visitors of Note: 8/25 & 9/17, Custodian Egermeyer in to pick up (on 25) International Tractor to go to Montezuma Well to get hay for Saguaro, and on 17 to pick up repaired panel truck. 8/29, Ranger Fulton returned Tractor and picked up Saguaro Stake truck. Sept. 10 & 13, Ranger Ringenbach of Organ Pipe was in on his way to Walnut Canyon to pick up materials for Organ Pipe, and also stopped on his way back to drop off Custodian Beaubein. Custodian Beaubein was in to pickup dump truck for Waupatki. Sept. 21, Chief Clerk Castellum stopped by. Custodian Bicknell took him to Tonto on the 22, and he returned to Tucson the afternoon of the 23. He cleared us up on a lot of our fiscal matters and we would be glad to see him again when he can spend more time. Sept. 15, maintenanceman Bowden of Organ Pipe was in to pick up a dump truck and brought in Organ Pipe's old one.

.. Interesting Sentence: Of the 1200 visitors to the area 113 made the entire trip in the trip averaging 80 minutes per trip. The most the maximum trip is 112 minutes averaging 32.8 minutes per trip. One named Travis Walker is omitted in the above total. The visitors as a rule are very interested and their questions and opinions of expenditions can usually be heard at the end of every trip. The same the area but did not make the entire trip.

Enjoyment: The scenic areas are spread, cleaned, and spread over. In quantity 1 3-8 an electric hot water heater was installed, bathrooms, kitchen, dining room, living room, and hall were painted. Outside of the same pictures a picnic area for future trips, and concrete drives for setting water over five hours. were installed. Two trail loads of dirt were hauled and placed around the base of the lantern. The pump house was painted and new fixtures installed. In quarters 4 3-1, the curtains, the rails room was painted, seat were painted, and fixtures and furniture placed up. The fires are gradually being moved over, all ash clinkers should be placed on piles in back room, not for fire severe and back- ility basis.

Trip Tours: Dept. 1 & Inc. Fourth Interpretive Park trips to Hawaii to plan on trips. Dept. 12, Guardian Diamond Polar Club vacation made trip to Tonto National Monument. Returning that evening it trip Tonto's Spiritual week workin, I don. Bird Dept, and 3 Autumn Tours were initiated.

Personal: Promotion/ad Schumacher retired effective as D P. K. Dept. 4. In, Mrs. Chapman, and the lady lark Dan wearing of the Cla. for Trenton, Tenn. the picture is reality was to go back to school and work toward getting his Jr's Degree.

Leave Taken: on 8/22/67 Records Technician returned to work after being on leave since mid-afternoon Aug. 1. Dept. 1262. He took one hour of sick leave. 8/9/67, Ranger Smith returned to work after being in leave for approximately a month.

On Visitors & Visitors of Dept: 8/22 & 8/2, Carolina Executive to on plan of [illegible] Interpretive Center to go to Antelope Hill to out bus for Chicago, and on 17 to play on regional panel trends. 8/28, Ranger Foley Natural Bridge and Rainbow Bridge trends. In 8 12, Ranger Richards of Upper Tips was in on his way to Yellowstone to plan my weekends for Upper Tips, and also stopped on his way to Chicago Conference Trends. Carolina Executive was in to [illegible] Camp Grant for Kingman, Dept. 21, Other Utah Executive stopped by. Natural Bridges Natural Park like to Utah 22, and be returned to Arizona the afternoon of the 12. He stopped on by on a lot of our flood matters and we would to plan to see its again soon. be was spend more time, Dept. 12, Interpretive Co-ordinator Upper Tips was in to Jet on a Ranger trends and brought in Arches Tips's all ans.

Injuries Suffered: On Sept. 18, Mechanic Stonehocker while repairing starter on one of the trucks had the hood catch release, which dropped the hood on his head, opening a cut which required stitching by the Dr. After treatment Mechanic Stonehocker returned to duty.

Nature Notes: Sept. 21, the bats almost completly vacated the Ruin, which is one of the earliest vacating dates on record. All compass cactus around the area have bloomed or are in process of bloming, and various stages from flower to fruit can readily be seen. The mesquite trees are heavily infested with misiltoe requiring some eradication work.

Inventory of Publications:		Sept.
Casa Grande 2 Fold Leaflet	1944	100
" " " "	1945(Spanish)	3325
SWNM Map Folders	1941	400
NPS Location Map # 6	1944	275
Cg. 16 page Bklt. (Sales)		490

A. T. Bicknell,
Custodian.

Yours truly,

A. B. Atkinson,
Treasurer.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Chaco Canyon NATIONAL MONUMENT

Bloomfield, New Mexico

September 24, 19 47

MEMORANDUM for the Regional Director, Region Three,
National Park Service.

There follows the report of activities in Chaco Canyon National Monument for the month of September, 1947.

This month, Chaco Canyon had 98 visitors which is 10 less than last month, and 17 less than a year ago this month. The rains during the last 45 days and the poor condition of the roads kept some away who might have come. After the floods of last month, with bridges out and the like on the better traveled roads, the graders of neither county have been able to get out here as yet. The visitors came in 35 automobiles from the states of:- California - 7 cars, 17 visitors; Colorado - 4 cars, 12 visitors; Illinois - 1 car, 4 visitors; Kansas - 2 cars, 6 visitors; New Jersey - 1 car, 1 visitor; New Mexico - 11 cars, 29 visitors; New York - 1 car, 2 visitors; Ohio - 1 car, 2 visitors; Oregon - 2 cars, 7 visitors; Texas - 2 cars, 8 visitors; Utah - 2 cars, 8 visitors and Washington - 1 car, 2 visitors.

All these visitors took a trip through the ruins, and formed 35 parties. 75 persons listened to the museum talk, and formed 22 parties. There were 74 paid admissions, 4 tax only children, 3 complimentary tickets issued, 15 children less than 12 years of age, and two members of the Armed Forces. The total time spent with the parties was Ranger 17 hours and 5 minutes, Custodian 29 hours and 40 minutes.

The warmest this month was 94 degrees on the 2nd of September, and the coolest was 35 degrees Fahrenheit on the 13th of September. Rain occurred on the 29th and 30th of August and the 7th, 8th, 18th and 19th of September which formed a total precipitation of .63 of an inch for the month.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

NATIONAL MONUMENT

This month saw Ranger Guillet leave Chaco Canyon. We are happy for Bill in his new assignment at Colorado National Monument, but everybody in the Canyon hated to see him go. He is not only a good worker, but a mighty fine fellow. He was terminated September 15.

In the way of good news, we have Raymond Rixey who has just come in as a foreman for the ruins stabilization crew. We all already knew him from the University of New Mexico summer field session at Chaco, and welcome him to the Canyon.

The fence job was taken up again, when weather permitted, and the fence was carried to the mesa. However, there is yet to close the mesa tops, fill in the water gaps when the water goes down and weld the rails of the guard. When the roads get in better shape, the welder is going to bring his trailer with the electric welding outfit and weld the rails together.

The seeding project got under way with the assistance of the Regional Soil Conservationist who was here at the time. 1000 pounds of seeds of different kinds were put in the ground, some Blue Grama, some Western Wheat Grass and some Sand Dropseed. The seeds were planted on barren spots, and it is hoped that they will prove of great aid in soil conservation next summer. Immediately after the job was completed, it rained, which was what was hoped for. It's an ill wind.....

We are still working on our roads. The main road through the Monument is in passable shape, but the culverts have not been put in for lack of cable, though the one which washed down the stream (each of the two sections weigh approximately 1000 pounds) has been brought back the quarter of a mile to the road. The minor road to the west gate has been completed, and now the men are working on the north side of the arroyo east from Headquarters. At one hole in the road they have dropped 30 yards of dirt, and it is still a deep hole!

As the cooler weather comes, the campers and picnickers use more wood, but a plentiful supply is kept on hand for them.

Radio communication with El Morro National Monument has been regular and satisfactory for the past month.

Two of our heavy jacks, 25 ton, were loaned to Aztec Ruins National Monument.

Some visitors, including National Park Service personnel, were:- Dr. Erik Reed, Paul Balch, Le Roy Weaver from Mesa Verde National Park, Dr. and Mrs. Lee from the Director's Office, Dr. and Mrs. Huth, Mr. and Mrs. Earl Morris, Dr. Reiter, and others.

The Trader, who is in the midst of lambing season when the Navajos pay their debts for the year, reports that he now has a better quality and a greater quantity of goods on his shelves than ever before. In retrospect, he finds this last summer that rugs moved faster than he could get them from the Navajos, that jewelry and the more expensive souvenirs moved slowly with the exception of jewelry made at Chaco Canyon.

Projects for the ensuing months:- get the place buttoned up for the winter, put in the culverts and repair the wash near the bridge when the cable and the end section for the culvert arrive; install the new water pump, which should arrive any day; get the planting project started; get the cattle guard welded; get the water gaps closed; etc.

At the end of the month, there were on hand:-

Free two-fold leaflets on Chaco Canyon, approximately....8500
National Park Location Map, number 6, " 350

There follows the report of Archeologist Richard G. Vivian.

Irving McNeil, Jr.
Custodian

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Chaco Canyon NATIONAL MONUMENT

Bloomfield, New Mexico

September 24 19 47

MEMORANDUM for the Custodian,
Chaco Canyon National Monument.

There follows the report of Mobile Unit activities in your area during the month of September 1947.

Raymond Mixsy from the University of New Mexico reported for duty September 17th. He replaces Al Lancaster who left the last of June for a month's duty at Tumacacori and has since completing that assignment been on detached duty at Mesa Verde pending the establishment of a position there.

Some time has been lost this month due to rain. During the early part of the period the labor supply was short and due to prolonged absences and resignations we were down to six men. The crew has been built up within the past week to fourteen.

The entire work month has been spent in emergency measures in the section of Chettro Kettle damaged by flood waters. One hundred thirty man days have been used in removing debris and the remainder of the time in shoring walls and laying support masonry.

On the east side three rooms have been cleared of debris and the fill partially removed from the narrow rooms, 36 and 37, which adjoin Kiva G/H. The debris in this sector, fallen wall and silt carried by flood water, runs from three to five feet in depth. The bottom of this while no longer muddy is very damp and still hard to work.

A small section of dangerous, overhanging wall was removed in room 40 S.

Here still on the east side the south walls of two rooms, 49 and 50 plus the division wall between them, have been carried up to a height of five feet as bracing for the fill still remaining in 36-37 and for the lower walls of Kiva G/H. The lower levels of these walls have been reset in concrete mortar.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL MONUMENT

On the west side of the damaged area the debris has been removed completely from 4 rooms, partially from 2 and the fill in two of the long corridor rooms has been cut down to expose wall which it covered when it slumped into two rooms which had been excavated to a depth of twenty one feet.

Debris on the west side averaged five feet in depth. The fill sections removed ran from six to twelve feet. All soil and unusable material has been dumped in badly washed areas along the road and around the bridge approaches.

In cleaning up to date some 200 timber specimines have been recovered, tagged and stored and many more are in sight.

On the west side one buttress section in reinforced concrete has been built against the overhanging east wall of 59 to support both it and the attached north wall. The extension of this wall in 58 has been completed as far as the foundation.

In progress are repairs to the bases of 55 and 58. This work is also being done in reinforced mortar and when complete will hold the remaining fill in the long rooms between the deep excavations and kives I and J.

Dangerous wall fragments some of them two and a half storeys above the workmen have been removed in rooms 55, 60 and 61. In room 61 two ½ story fragments of remaining wall have been supported temporarily with jacks and timber bracing.

Gordon Vivian

Gordon Vivian
Archeologist

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

CHIRICAHUA NATIONAL MONUMENT

Dos Cabezos, Arizona

September 26, 1947

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities at Chiricahua National Monument for September.

Weather. August was the only wet month of the year to date. A total of 8.09 inches of rain fell during August, making it the wettest August of the nine on record at Chiricahua. However the rainfall for the year is still below average and September to date has turned loose of only .19 inch of moisture. Most of the rains were typical Arizona deluges that were local in nature and did considerable damage to roads.

Inspections. Assistant Regional Director Davis, Engineer Hendricks, Architect Saunders and Regional Forester Carlson arrived at the Monument September 22 and stayed until the morning of the 23rd. Roads, trails and equipment were inspected. Douglas fir insect infestations were inspected with Forester Carlson and some maintenance and improvement work on residences was gone over with Mr. Saunders. Chief Clerk Castellum arrived at the Monument September 24 and stayed until the 25th. Fiscal matters, office procedure and etc were discussed. The Custodian feels that considerable was gained by all these inspections.

Maintenance. Heavy rains during the latter part of August brought down more water than many of the culverts could carry and caused water to overflow and cut out the road in many places. The worst of this damage has been repaired by Operator Marble with the Temporary Ranger and Custodian helping some.

Approaches to the Monument. Approach roads have been rough from the August rains but most all have been graded and are in fair shape at present.

Concessioners. The Silver Spur Guest Ranch has not been a concessioner in furnishing meals and lodging for Monument visitors, as they are located on private land. However, they have been the only source for these accomodations. It is therefore of interest to know that they have closed down awaiting a change of management. It is thought they will open again in the near future.

The Riggs family at Faraway Ranch are still handling saddle horse trips onto the Monument. The bus concessioner has had no bus trips to Chiricahua for about three months.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL MONUMENT

Interpretive Service. No conducted trips were made this month. 989 visitors in 228 parties were contacted in the museum.

Increase or Decrease in Travel. 1106 visitors came to the Monument the past month. This compares with 1457 for August and 1758 for September of 1946. Part of this decrease is accounted for by the Happiness Tours not continuing this year, but there also seems to be a slight slacking up in travel.

Ranger Service. Seasonal Ranger Koffacker left September 10 for George Washington University in Washington, D. C. This leaves Operator Marble and the Custodian as the only employees on the Monument until the permanent ranger position is filled.

Insect and Tree Diseases. A number of Chiricahua's douglas firs are being killed by what seems to be a primary infestation of flathead borers. Samples were collected by Forester Carlson and the Custodian and sent to the Bureau of Entomology and Plant Quarantine for identification.

Publications on Hand.

2 fold leaflets, English	2100
2 fold leaflets, Spanish	1800
Mimeographed sheets	400
Location Map No. 5	15
Location Map No. 6	45
National Park Briefs	145
Glimpses of our National Parks	34

Clair V. Cooke

Clair V. Cooke,
Custodian.

Yours truly,

[illegible]
Chief.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

El Morro NATIONAL MONUMENT
Ramah, New Mexico
September 26, 19 47

MEMORANDUM for the Regional Director, Region Three.

There follows the report of activities in El Morro National Monument for the month of September, 1947.

WEATHER: Our rainy season continued through the 8th of September giving us a total of 3.35 inches. The temperature range was very great with a maximum of 87 degrees and a minimum of 34 degrees.

TRAVEL: The continuation of our summer rains made the approach roads impassable during most of the report period. A few brave souls did get to the monument but it was necessary to escort them through the worst mud holes, and this condition explains the 44% decrease from the same period last year. However , imspite of this heavy drop in travel, the total visitor count for the 1947 travel year shows an increase over last year of 26%. A total of 135 people arrived at the monument in 32 cars and one bus. Only twelve states and one foreign country were represented. The tour of the inscriptions was made by 107 people in 22 trips and the total guide time amounted to 22 hours and 45 minutes.

APPRAOCH ROADS: During August and September the total rainfall amounted to 11.66 inches which comes very close to the average annual precipitation of 12 inches. This abnormal amount of rainfall coming in heavy summer showers has made both approach roads impassable for periods of two weeks at a time. One irate visitor who didnt make it tho the monument wrote us a letter in protest to the condition of the road. He signed it "In sympathy with your plight I am sincerely yours,"

It was understood from the State Highway Department that the survey for the improvement of Highway #53 would be completed this fall, but no stakes have been seen on the road yet. The Chamber of Commerce of both Grants and Gallup have been asked to make special request that this work be done before snow flies so that actual construction work can be started in the spring.

RADIO CONTACT: Communication with Chaco Canyon has been regular and very useful.

PUBLIC HEALTH: The regular bi-weekly samples of our water supply were sent in this month and the report is the same as usual, Sandstone Pool contaminated, but safe at the Custodian's Residence,

UNITED STATES

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NATIONAL MONUMENT .....

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NPS VISITORS: Much to the Custodian's disappointment Erick Reed, Chief Historian, Ronald Lee, Mrs Lee, and Dr and Mrs Hans Huth did not arrive on their scheduled date of September 11, but came in on September 12 when the Custodian had to make a trip to Gallup. By telephone arrangements were made to meet them in Gallup and one very interesting hour was spent with them.

GENERAL: With the drop in travel Ranger Bill Scott was able to complete the project of putting the files in order. A project he started in June and if he had done nothing else this would have justified his employment. Bill returned to college September 15th, but not without signing a statement that he would return to El Morro next June.

On August 25th the Custodian made a trip to Grand Canyon to pick up surplus property, stopping at Walnut Canyon and returning to El Morro August 28th. The trip was sort of an Old Home Week Tour seeing Jimmy Brewer Paul Beaubien and a great many R.O. and Bandelier personnel at Grand Canyon.

Four loads of coal were hauled from the Indian Service Mine and this amount should hold us for the winter. One load of gravel was hauled for the floor of the generator house. Four yards of fill was removed from the cattleguard and used on the entrance road to patch upshouts.

Bates E. Wilson,
Custodian.

Number of copies of free publications on hand as of the end of September, 1947.

2-fold Spanish edition------3730

2-fold English edition------ 850

16-page Booklet-------------7911

Number of copies of free publications on hand as of the end of September, 1947.

19-page booklet----------7311

2-fold English edition------ 830

2-fold Spanish edition------2730

GRAN QUIVIRA

GRAN QUIVIRA, NEW MEXICO.

SEPTEMBER 27, 1947

MEMORANDUM FOR THE REGIONAL DIRECTOR, REGION THREE.

The following is a summary of activities for the month of September, 1947

Visitors this month totaled 294
Travel year to date 2588

Weather. This has been an unusually dry September. No precipitation of any nature. However, the days have been very pleasant and warm with cool nights. High temperature for month was 90 and low 37.

Roads. The State Highway maintainer has finally been repaired after a two months breakdown for repairs, and as a result, both approach roads are in good condition. Especially the road from Mountainair.

Travel. September travel figures indicated a sharp decrease under August visitation. A decrease of about 35%. Instate visitors numbered 204 and outstate visitors 90. There were a total of 83 cars with instate numbering 58 and outstate 25. 7 people walked out to the monument.

Guide and Contact Service. A total of 294 visitors were conducted through the ruins in 83 guided tours. The average time spent by each party was 55 minutes. Total contact time of 76 hours, 20 minutes.

Maintenance and Administration. Several directional monument road signs were repainted and relettered and placed on State Highway 10 to Mountainair. Inventoried and cleaned all tools in tool shed. A supply of fire-place wood was hauled in for use by custodian Bowen, who is to arrive from Grand Canyon. Minor repairs were made on walls of the south and east corridors of the mission converto. Drainage ditch was cleaned out and weeds removed from the entrance road to the monument. The automatic electric sump pump, which supplies water to the residence, was completely overhauled and is now in excellent working condition. Also, the starter and generator on USDI 1-13850 were removed and repaired.

Publications Report. 700 Gran Quivira two-fold leaflets on hand. No other free or for sale publications on hand at this monument.

Ernest W. Wright

Custodian.

CHAS MILLER

CHAS MILLER, Ass Engineer.

SEPTEMBER 29, 1947

MEMORANDUM FOR THE SUPERINTENDENT, CHILDS CREEK.

The following is a summary of activities for the month of September, 1947

Visitors this month totaled 1294
Total year to date 2606

Weather. This has been an unusually dry September. No precipitation of any nature. However, the days have been very pleasant and warm with cool nights. High temperature for month was 90 and low 37.

Roads. The state Highway maintainer has finally been replaced after a two months vacancy for repairs, and as a result, both approach roads are in good condition. Especially the road from Bonnetslanch.

Travel. September travel figures indicated a sharp decrease under August visitation. A decrease of about 30%. Inside visitors numbered 794 and outside visitors 90. There were a total of 83 cars with license numbering 38 and outside 45. 4 people walked out to the monument.

Guide and Contact Service. A total of 794 visitors were conducted through the ruins in 60 guided tours. The average time spent by each party was 35 minutes. Total contact time of 28 hours, 30 minutes.

Maintenance and Administration. Several directional monument road signs were repainted and relettered and placed on State Highway 10 to Monument. Dump burial and cleaned all tools in tool shed. A supply of fire-fight wood was hauled in for use by custodian Moran, who is to retire from Govt service. Minor repairs were made on rails of the south and east corridors of the ancient ruin. Drainage ditch was cleaned out and weeds removed from the entrance road to the monument. The automatic electric sump pump, which supplies water to the residence, was completely overhauled and is now in excellent working condition. Also, the alarm and [illegible] on Unit 1-1500 were removed and repaired.

Publications. 700 Cran Anivis two-fold leaflets on hand. No other free publications on hand at this writing.

RECEIVED
SEP 30 1947

Chas Miller.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
GREAT SAND DUNES NATIONAL MONUMENT
MOSCA, COLORADO.

September 26, 1947.

MEMORANDUM for the Regional Director,
Region Three.

There follows the report of activities in Great Sand Dunes National Monument for September, 1947.

WEATHER. Typical Indian Summer has prevailed during this report period. The maximum temperature is estimated to be about 75 degrees; the minimum has reached an estimated 37 degrees. Aspen at the 9,000 foot mountain level has turned yellow and orange and the Sangre de Cristo Range is beautifully colored. The first skift of snow on Mt. Cleveland was seen on September 9, and the second snow on the 23.

Rain fell on September 6, 8, 9, 10, 17, 18, 19 and 23. The Medano is still running, but has retreated above the camp-ground. Two chilly days made it necessary to burn the oil stove for heat in the custodian's residence. It won't be too long before winter makes its appearance.

TRAVEL. Two thousand six hundred eighty one visitors in six hundred eighty-four cars, visited the Sand Dunes during this report period. Thirty-two states and the District of Columbia were represented. One member of the Armed Force was counted.

One thousand six hundred thirty-one people took advantage of the camp and picnic areas, and of these seventy-two camped over night.

One written request for information was received and answered.

INCREASE IN TRAVEL. For September, 1946, the record shows 404 cars and 1720 visitors.

TRAVEL YEAR. A tremendous increase in travel is indicated by figures which show that more people visited the Sand Dunes this year than in any previous travel year. There were a total of fifteen thousand two hundred twelve visitors for the 1947 travel year. Visitor days amounted to twenty-three thousand three hundred twenty-three. Travel to this area has doubled over the 1946 travel year, which shows a travel figure of eight thousand seven hundred fifty-three and visitor days amounted to eight thousand nine hundred and three.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
[illegible]
[illegible], COLORADO.

September 30, 1947.

[illegible] for the National Director,
Region Three.

There follows the report of activities in Great Sand Dunes National Monument for September, 1947.

Weather. Typical late summer has prevailed during this report period. The maximum temperature is estimated to be above 75 degrees; the minimum has reached an estimated 37 degrees. Rain at the 9,000 foot elevation level has turned yellow and orange ash the foliage in Crystal Gorge is beautifully colored. The first skiff of snow on 30. Cleveland was reported on September 3, and the summit snow on the 12.

Rain fell on September 6, 7, 10, 17, 18, 19 and 27. The total is still pending, but the retained above the many-pronged. The daily days rain is necessary to start the oil stove for heat in the caretaker's residence. It won't be too long before winter routine its appearance.

Visitors. Two thousand six hundred eighty-one visitors in six hundred eighty-four cars, visited the Great Dunes during this report period. Thirty-two states and the District of Columbia were represented. One number of the Grand Prize was awarded.

One thousand six hundred eighty-one people took advantage of the camp and picnic areas, and of these seventy-two camped over night.

One written request for information was received and answered.

Travelers in Transit. For September, 1946, the record shows 494 cars and 1720 visitors.

Special Use. A tremendous interest is displayed by flyers who know that more people visited the Dunes this year than in any previous travel year. There were a total of fifteen Cessnas two hundred twelve visitors for the 1947 travel year. Visitor days amounted to twenty-three thousand three hundred twenty-three. Travel to this area has doubled over the 1946 travel year, which shows a travel figure of eight thousand seven hundred fifty-three and visitor days increased to eight thousand nine hundred and three.

This was truely a year in which the American tourist took to the highways and was interested enough in his country and especially in his National Park System, to turn off and visit the various Western and Southwestern Parks and Monuments.

Far better service could have been given these visitors if additional personnel were on hand for interpretation---not only is this true especially for a one-man area, but the entire Park Service suffered for this lack of personnel for the travel year.

ROADS. Due to mechanical break-downs with the State Highway Grader, the approach road suffered accordingly. The road was finally bladed on September 18, and it is hoped that the repaired grader will continue once more to grade on the average of once a week. It was necessary to haul two loads of rock and gravel for filling in the washed-out section of the monument road. The three mile stretch of monument road was dragged and some improvement was noted.

COMPLAINTS. The approach road and picnic areas received the majority of complaints. With visitation dropping off, there were less cars that became stuck in the loose sand of the lower picnic area, but it was necessary to dig out four cars.

The necessary time has not yet been found to locate more information on flush boxes needed to complete the rest-rooms at the checking station.

NEWSWORTHY VISITORS. Post-man holidays brought in the Supernaugh family on September 5; Glen Bean on September 13 with fire extinguisher fluid; and same day the Sullivan family---it was a great pleasure to meet them and hope Maurice may return to give us more information on our natural phenomena. On September 19, the Grantland Rice Sportlight made its appearance to photograph a few skiers on the sand for an educational short. Conditions were not altogether favorable for the filming, but they hoped that enough footage would be considered good enough for the intended short.

WATER RIGHTS. A letter was received from Linger Bros., requesting more information on the problem of the water rights. This was immediately answered, and it is hoped this matter may be cleared up in the not too distant future.

MINERAL CLAIMS. Considerable time was spent at the Alamosa County Court House in connection with the Mineral Claims existing on the monument lands. From present records, it would seem that the Jones Claim on Dos Pesos Lode corresponds to the claim of the Jerry Lode made by the Myron Stratton Home for Girls in Colorado Springs. More information is needed before further action, if any, is taken.

This was truly a year in which the unselfish service to the highway and was interested enough in its security and especially in its national farm system, to turn off and visit the various Eastern and Southwestern farms and ballparks.

The better service could have been given these visitors if additional personnel were on hand for interpretation----not only in this time especially for a one-man area, but the entire Park Service suffered for this lack of personnel for the travel year.

Snow. Due to weekend and Xmas-time with the Idaho Highway Patrol, the improved road suffered severely. The most was finally closed on January 16, and it is hoped that the regular winter will continue even more to prove us the average of once a week. It was necessary to haul tons loads of rock and gravel for filling in the washed-out section of the memorial road. The Utah Rim stretch of Monument Pass was struggle and some improvement was noted.

Weather. The opening trail and picnic areas received the majority of complaints. With visitation beginning early, there were less cars there storm in the lower and of the lower climate areas, but it was necessary to dig out four cars.

Ice necessary time has not yet been found to locate more interpretive on Flood Rocks needed to complete the rest-rooms at the Wheeling station.

Recreational Utilities. Post-war building brought in the Depression Family Shelter to plan Zoon on September 17 with five existing other field; and into the military fuel---it was a great pleasure to meet them and help a monitor may return to give us more information on our natural phenomena. On September 19, the Townland Zone Spotlight made its appearance in Jackpot; a few minutes on the week for an astronomical event. Conditions were all altogether favorable for the filming, but they hoped that enough friends would be contacted good enough for an informal event.

Water Utility. A better use received from Cedar Area, requesting more information on the problem of the water rights. This was immediately answered, and it is hoped this matter may be closed as in the not too distant future.

Traffic Study. Considerable time was spent at the Almena County Court House in connection with the Central Plains survey on the movement through. Five persons were employed to this work. It would seem that the Young Plain on Idaho Tiers were surveyed to the state at the Jerry Johnson Park by the Bureau Bureau Bureau for Bixia in Interstate Service. More information is needed before further action, if any, is taken.

ACTIVITIES. With the considerable decrease in visitation over last month's high, time has been found to begin work on filling in the water line trench before winter sets in. Due to crops being retarded in the valley, all farmers and ranchers were using their tractors for harvesting hay and potatoes. Not one tractor could be located in the immediate vicinity for the purpose of filling in the 1500 foot trench. So Sowers with weak mind and strong (?) back took up shovel and todate has 185 feet covered--- only 1315 feet more to go!

The picnic and camp-grounds received their usual clean-up---hope that extra barrels may be obtained for garbage and trash cans.

Two trips were made to Alamosa for gasoline and supplies and also for mining claim data.

The south window and west windows and door of the office received a coat of paint. Touch-up paint is being applied to the most exposed parts of wood-work on the custodian's residence.

The Dodge 4x2 was taken to the Heide Garage and is still there awaiting necessary repair parts.

All fire extinguishers were checked and fluid placed in the three new ones.

Fire tool equipment is being sorted and transfer papers made out for their ultimate shipment.

A trip to Grand Canyon National Park and other points, is anticapated next month, in order that the 950 gallon tank may be of use this winter in holding the necessary supply of fuel oil.

PUBLICATIONS. There are on hand thirty-nine of the mimeographed informational leaflets. Twenty welcome copies were received from the Naturalist Office. A copy of a revised informational leaflet was submitted to the Naturalist Division, and it is hoped that it can be mimeographed for the 1948 travel season.

Ted C. Sowers,
Custodian.

Yet I, Governs,
Councilman.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Montezuma Castle NationalMonument
Camp Verde, Arizona

September 24, 1947.

MEMORANDUM for the Regional Director, Region Three.

There follows the monthly report of activities at Montezuma Castle and Montezuma Well for the month of September, 1947.

Visitors this month - Montezuma Castle - 2468; travel year - 19818.
Montezuma Well - 619; travel year - 1347.

The travel count for Montezuma Well covers only the visitors contacted. At least one-third more visited the area. Travel figures for the year for Montezuma Well cover those beginning with the June report. At the Castle we had 4924 more visitors this travel year than last and 10,383 or 110 per cent more this year than in 1941.

Administration All of our time has been spent on visitor contact, imperative maintenance, patrols, and attention to matters pertaining to Montezuma Well. We are still offering ten hours of guide service each day with trips 12:00 to 1:00 and 5:00 to 6:00. However this will be reduced to eight hours guide service each day with the termination of Ranger Frost on September 27.

Custodian Egermeyer hauled a load of baled hay from Montezuma Well on August 26 and Ranger Fulton took the last of it on August 30. No bids were received for harvesting the third crop and the fields have grown up to weeds for lack of care.

Ranger Frost has completed a map indexing system. Our maps and charts are now indexed both by number and by the subject covered.

On Labor Day Ranger Schroeder was the only man on duty at the Castle and no one was at the Well to economize on our funds.

This month's book sales totaled $107.90 with a shortage of $8.60 on the "serve yourself" plan. Total sales for the quarter were $322.58 and the total shortage $22.35.

Nine unsolicited Senichrome pictures of Montezuma Well were received to retail at $5.00 each. The pictures require special handling and wrapping and are too expensive to have around where they are liable to damage from rodents and insects. A frame was made for one to be used for display purposes.

Ranger Loding was on annual leave from September 6 through September 19.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Chickasaw Castle National Monument
Camp Verde, Arizona

September 14, 1947.

Memorandum for the Regional Director, Region Three.

There follows the monthly report of activities at Montezuma Castle and Montezuma Well for the month of September, 1947.

Visitors this month - Montezuma Castle - 3823; Annual year - 19811.
Montezuma Well - 819; travel year - 1347.

The travel areas for Montezuma Well covers only the visitors contacted. As I have mentioned many visited the area. Travel figures for the year for Montezuma Well cover those beginning with the June report. In the Castle we had 5114 more visitors this travel year than last and $2,875 or 11% per cent more this year than in 1941.

Maintenance. All of our time has been spent on visitor contact, interpretation, painting, and attention to matters pertaining to administration. We are still offering two hours of guide service each day with trips 12:00 to 1:00 and 3:00 to 4:00. However this will be reduced to eight hours guide service each day with the termination of Labor Day on September 27.

Custodian Leverett hauled a load of kind hay from Montezuma Well on August 28 and Ranger Nixon took the last of it on August 30. No bids were received for harvesting the third crop and the stalks have grown up to waste the last of once.

Ranger Post has completed a new loading ramp. Two rats and three the new Lateral Well by Ranger and by the assistant manager.

On Labor Day Ranger Fairweather was the only man on duty at the Castle and no one was at the Well to commune on our fault.

This month's book sales totaled $127.30 with a shortage of $1.90 to the "more yourself" plan. Total sales for the quarter were $321.80 and the total shortage $32.35.

Nine unsolicited Semicrome pictures of Montezuma Well were received to retail at $3.00 each. The picture require special handling and wrapping and are too expensive to have around where they are liable to damage from rodents and insects. A frame was made for one to be used for display purposes.

Ranger Ladig was on annual leave from September 8 through September

12.

Our supply of mimeographed leaflets ran out September 7. Another handful received from the Regional Office was gone in less than three days. Word has been received that the leaflets ordered in June, 1946 will be delivered this month.

Ranger Frost was called to Cottonwood on the afternoon of September 12 when it was found that his wife must undergo an emergency appendectomy.

Weather A cloud burst a few miles to the north and east brought the creek up about eight feet in a few minutes. Water overflowed the edge of the picnic ground and went through our revetment but did no appreciable damage. This monument received .80 inches of moisture in the storm. Maximum temperature for the month was 106° and the minimum 50°. Total precipitation was 1.11 inches.

Maintenance On August 27 the Custodian spent a half day unplugging the sewer from Residance No. 2 -- the second time in a week. We also had to unplug the sewer from the ladie's restroom.

The Grunow refrigerator in Residence No. 1 has ceased to function. Efforts made since June, 1946 to get a replacement have so far been unsuccessful.

Protection All boundary and drift fences on the north side of Beaver Creek were patrolled and minor repairs were made.

Di-chlorobenzene crystals were placed in the herbarium and study collection cases.

National Park Service Visitors to Castle or Well Ranger Aubuchon and Mr. Roy a Prewitt, Economist from the Director's office were here August 31.

Custodian and Mrs. Supernaugh were here September 1 and Bill revealed his Indian blood when he sat on the bench while his wife climbed the ladders.

Custodian and Mrs. Beubien and Ranger and Mrs. Upton were here September 9.

Use of Monument Facilities By The Public The county road to Camp Verde crosses this monument and a traffic counter placed by the State at our east cattle guard revealed that 337 vehicles entered or crossed the monument in 48 hours from September 3 to September 5.

The Castle and the Well had a total of 3087 visitors who came in 912 vehicles. Tickets sold at the Castle, 776; Complimentary Admission tickets used, 53; children who climbed free, 112; armed forces visitors who climbed, 1.

Contact Time at Castle Total contact hours, 232.50; Hastings, 79.00; Leding 44.25; Frost 101.25; Schroeder 8.00. There were 179 trips for 942 visitors

and 1146 visitors saw the museum in 188 groups. Visitors receiving information outside the ruins or museum totaled 733. Numerous visitors who wanted to climb into the Castle were turned away when they found that our quota of nine for an hour was full.

Contact time at Montezuma Well is reported separately.

Visitor Reaction Some visitors upon their first view of the Castle were reported to say, "Look vot ve got here, Isaac. The Government will build anything to make a few dollars."

Montezuma Well The following report has been received from Archaeologist Schroeder.

General Daily duty was maintained except for lieu days and as follows: September 1, holiday, on duty alone at Montezuma Castle. Four hours annual leave were taken on September 2.

Visitors Detailed visitor statistics were kept this month in an attempt to ascertain the extent of visitor use. 619 visitors were contacted in 178 cars. In addition 41 pamphlets were removed from their box on lieu days, 26 after 5:00 P.M., and 36 during work days when maintenance duties kept me away from contact. In all, 103 pamphlets were picked up for which there was no contact. It is quite evident from the above that the majority of the pamphlets are not being returned.

Three hours and 20 minutes were spent contacting 139 cars averaging about 1½ minutes per car. Nine hours and three minutes were spent on interpretation in the museum for 190 visitors in 57 cars, an average of about 10 minutes per car. Only about one-third of the travel spent any time in the museum, probably because of our lack of exhibits.

70 visitors in 16 cars spent 15 hours and 21 minutes at the picnic grounds and 1 car of 3 camped over night. 159 cars spent 84 hours and 51 minutes at the Well, about 32 minutes per car. 164 cars spent 112 hours and 30 minutes as total time in the area, an average of 43 minutes per car. Figures will not balance because of incomplete statistics on all cars - i.e. cars that came in prior to 5:00 p.M. but left after 5:00 P.M.

Administration A cloudburst on September 6 caused considerable damage to the road and trail and flooded the museum. The latter resulted from improper drainage of the country road and the county supervisor has been contacted in this regard. Most of the month was spent in cleaning up the area, repairing trail damage, building diversion revetment, cleaning the museum and disposing of rubbish.

A supply of the revised trail pamphlets was received. The mimeographing was a perfect job. About half of these pamphlets have been stapled. Added trail signs were set up to conform with the revised pamphlet.

The State Highway Department took a traffic count on the county road. In a period of 4 days 320 cars passed over the counter at McGuireville. Somewhere between 1/3 and 1/2 of this traffic visited the Well during this

period. A daily check was made at two counters close to the Well to determine this figure.

Buildings The Webb Contracting Company began work on the renovation of the quarters September 3 and completed their work September 10. The house was rewired, bathroom fixtures installed including a hot water tank, the floors were repaired and covered with linoleum, and the door and window frames were repaired.

Except for the final hook-up the Wingfield Commercial Company completed installation of the pump for the household well on September 17 and Custodian Hastings and Schroeder installed the plumbing from the pump to the quarters.

The Arizona Power Company installed a 220 volt line to the quarters September 10.

The entire quarters were sprayed with DDT on September 16 and 19. The spraying took a heavy toll on the spiders, flies, and bed bugs. It disturbed the bats sufficiently to force them out during the spraying, but they have been finding ways to return to the attic.

Stabilization An inspection of the ruins after the cloudburst revealed that considerable mortar had washed out of the walls of the ledge ruins as well as some of the standing walls nearby. An effort will be made to determine the amount of material required to rectify this erosion.

Research Additional information pertaining to the ditches and water rights was assembled and sent to the Regional Office.

Cataloguing of the archaeological specimens was undertaken on Sundays between contacts and 50 stone artifacts have been catalogued.

Service to the Public 84 pamphlets were sent out resulting from requests made during the period when our supply was down to 7.

A letter from the American Automobile Association requesting information on the Well was answered.

Publicity Charles Parker of Prescott revisited the Well to obtain additional information from our fact file in connection with his articles on the Verde Valley to be published in Arizona Highways.

Homer F. Hastings,
Custodian.

P. S.

Our publications report is submitted separately as directed in FO-601, August 19, 1947.

Yours P. Pendleton,
Chairman.

Confidential report is enclosed separately as directed by
HQ-321, dated 12 June 1947.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Arches NATIONAL MONUMENT

Moab, Utah

September 29, 19 47

MEMORANDUM for the Regional Director, Region Three:

The following is a narrative report for Natural Bridges National Monument for the month of September, 1947:

GENERAL: Some travel is coming to this area via the White Canyon road from Hite despite the fact that no maintenance work has been done on this section section during the summer. It is still passable but very rough.

TRAVEL: The travel to this area is holding up very well with 69 cars and 216 people for the month. This is an increase of 50 people over August but fell short of September, 1946 travel by 29 people. States represented were California, Colorado, Florida, Illinois, Kansas, Massachussets, Ohio, Pennsylvania, Utah, Texas and Wyoming. The Utah Wonderland Stages visited the area twice with 12 passengers.

INTERPRETIVE SERVICES: A total of 55 parties containing 174 people were contacted at headquarters and 14 parties consisting of 41 people were taken on guided trips to the various bridges with an average trip duration of 3 hours. Outside contacts were made with two parties containing 4 people.

WEATHER: Good weather was the rule most of the month. A heavy rain fell on the morning of September 9th. The last few days of the month were unusually warm.

MAINTENANCE: Signs were repainted at Arch Canyon and Owachomo Bridge. A new sign was installed at Fry Canyon due to complaints by visitors that trail was inadequately marked. New signs were installed to the junction in Blanding.

Several days were spent improving the road above headquarters and it is now in very good shape.

The trails were put in good shape after the storm of August 20th. The storm of September 9th caused some additional damage but at this writing they are again O.K.

Russell L. Maian

RUSSELL L. MAIAN
Acting Custodian

(in trip.)

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Address ..... NATIONAL MONUMENT

..... New, Mex.

September 27, 19 47

RECEIVED
OCT 1 1947

(In reply)

NAVAJO NATIONAL MONUMENT
TONALEA, ARIZONA

Sept 26, 1947

MEMORANDUM for the Director, Region Three

There follows a report of activities in this area for the month of September.

Attached are the following reports: Annual Travel Report for Rainbow Bridge National Monument (367 visitors). Significant is the fact that 169 visitors to Rainbow Bridge came by boat, 160 visitors muleback and only 38 visitors hiked in. The original and one copy were forwarded by Air Mail to the Director(Chicago address). Annual Travel Report for Navajo National Monument (342 visitors). The original and one copy were forwarded by Air Mail to the Director (Chicago address). The Quarterly Report on National Park Service Free Publications in compliance with FO-601 dated August 19, 1947. The Quarterly Statement of Mailings for the third quarter 1947. The Monthly Statistical Report of Interpretive Services (In triplicate). The Monthly Travel Report (10-157) in duplicate.

The Narrative report follows:

WEATHER: Unusually cool and dry. High temperature 87 degrees on the 25th. Low Temperature 40 degrees on the 11th. Precipitation 0.83 inches.

VISITORS: Only 34 visitors made the difficult trip to this area. They came in 14 cars.

ROADS: Both approach roads are in very bad condition in the Klethla Valley. The last two cars to enter each spent 4 hours crossing the flood detritus. 27 man-days were spent repairing the entrance roads. The culvert crossing in the Klethla Valley almost moved out--only enough road-bed remained for a dangerous diagonal crossing. By hitching our one-mule-scraper on the back of our pickup we were able to refill this crossing by making a long succession of figure "8's" with the loops on each side of the wash. The Indian Service has abandoned the first mile-and-a-half of the Cow Springs to Shonto road. The August floods had done irreparable dama e. A new connecting road starts 1.6 miles east of Cow Springs and crosses the wash on a native-stone bottom.

[illegible] NATIONAL MONUMENT
[illegible], ARIZONA

Sept 30, 1947

[illegible] for the Director, Region Three

There follows a report of activities in this area for the month of September.

Attached are the following reports: Annual Travel Report for Rainbow Bridge National [illegible] (187 visitors). Significant is the fact that 119 visitors to Rainbow Bridge came by boat, 180 visitors rainbow and only 38 visitors hiked in. The original and one copy were forwarded by Air Mail to the Director(Region Three address). Annual Travel Report for Navajo National Monument (362 visitors). The original and one copy were forwarded by Air Mail to the Director (Chicago address). The Quarterly Report on Natural Park Service Type Publications in compliance with PO-601 dated August 15, 1947. The Quarterly Statement of Policies for the third quarter 1947. The Monthly Statistical Report of Interpretive Services (In triplicate). The Monthly Travel Report (10-127) in duplicate.

The Narrative report follows:

[illegible]: Unusually cool and dry. High temperature 87 degrees on the 11th. Low Temperature 40 degrees on the 11th. Precipitation 0.11 inches.

VISITORS: Only 24 visitors made the difficult trip to this area. They came in 14 cars.

ROADS: Both approach roads are in very bad condition in the Marble Valley. The last two cars to enter each spent 4 hours crossing the flood detritus. 27 man-days were expended with entrance roads. The culvert crossing in the Marble Valley almost moved out--only enough road-bed remained for a dangerous dizzying crossing. By blasting our one-mule-scraper on the back of our pickup we were able to refill this crossing by making a long succession of figure "8's" with the loops on each side of the wash. The Indian Service has abandoned the first mile-and-a-half of the new Springs to Shonto road. The Navajo Tribe has two irreparable dams. A new construction road starts 1.8 miles west of Cow Springs and crosses the wash on a native-stone bottom.

NAVAJO NATIONAL MONUMENT
TONALEA, ARIZONA

WORK PROJECTS: The height of the chimney for the furnace was increased 4 feet.
The standby Kohler was placed on a concrete base. The gas lines were installed so that by the flip of two valves either plant may be put into instant use.
The revetment wall in the rear of residence #1 was extended 16 feet.
The flagstone terrace at the rear of residence #1 was extended to the retaining wall. Before placing these flagstones we trenched in and extended the electrical conduit to a point beyond that covered by the terrace. This eliminates disturbing the flagstones when the power lines are installed underground.
Hauling was a chore this month--4 loads of building sand from Klethla Valley coincidental to road work and mail trips. Only one trip was made to Flagstaff but both Gasoline and Bottled-gas were hauled. Limestone was hauled from the quarry for the revetment wall and flagstone terrace. Three loads of fireplace wood were hauled in.

HONEYMOON SPECIAL: Two honeymooners were guided to Keet Seel for an overnite trip. So frightened in the nite by an owl they woke Pipeline. "Go to sleep" Pipeline advised them. Which they did only after moving their bed closer to Pipeline.

(SWMN-33 superceded by FO-601)

J.W. Brewer, jr.,
Custodian

WATER PROBLEMS: The height of the chimney for the furnace was increased 4 feet.

The standby boiler was placed on a concrete base. The gas lines were installed so that by the flip of two valves either plant may be put into instant use.

The revetment wall in the rear of residence #1 was extended 12 feet.

The flagstone terrace at the rear of residence #1 was extended to the retaining wall. Before placing these flagstone we trenched in and extended the electrical conduit to a point beyond that covered by the terrace. This eliminates disturbing the flagstone when the power lines are installed underground.

Hauling was a chore this month--4 loads of building sand from Kibbie Valley contributed to road work and wall trips. Only one trip was made to Flagstaff but both Cascade and Bottineau were hauled.

Limestone was hauled from the quarry for the revetment wall and flagstone terrace. Three loads of fireplace wood were hauled in.

[illegible] CLUB: Two honeymooners were guided to Kent Keel for an overnite trip. Is trimmed in the nite by an owl who woke Flagline. "No sleep" Pipeline advised them. Glick Eng. Co only after nearing their bed closer to Pipeline.

(ZEUS-3 superseded by PO-401)

U.S. Power & Lt.
Custodian

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Organ Pipe Cactus NATIONAL MONUMENT

Box 38, Ajo, Arizona,

September 26, 19 47

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities for Organ Pipe Cactus National Monument for the month of September, 1947.

WEATHER

The hot weather held out the majority of the month with only a few breaks in temperature resulting from local showers. Maximum of 111 degrees was reached on September 4 and minimum of 58 degrees on the 10th. Precipitation totalled .36 of an inch, the lowest recorded for September since 1942. Heavier rains, however, fell in the southern and northwestern section of the monument which were not recorded.

TRAVEL

7,396 persons travelled through the area this month with only a portion of these being contacted bringing the travel year to 82,273. Several groups of campers requested sites this month and it appears that we shall have many more before travel season ends.

ROADS

The Pima County Highway Department partially cleaned up the Sonoyta highway on the 3rd and 4th, removing sand from the dips and patching up some of the worst holes in the macadam.

The Quitobaquito road was graded early in the month, but last reports indicate that recent rains have again washed it out.

ACCIDENTS

A small coupe overlooked the turn into the U.S. Custom gate and smashed into the NPS chain road barrier, demolishing the "Stop" sign and shearing off one of the heavy wooden posts placed some four feet into caliche. The cars two occupants, both intoxicated, were unhurt, though slightly fatigued and much less intoxicated three hours later after finishing the digging of a new post hole and cleaning up the road. Damage to the car was estimated at $100.

GENERAL

Ranger Ringenbach made two trips during the month - one to Walnut Canyon for heavy timber and one to Casa Grande for the OPC dump truck.

Six man days of maintenance on the north boundary fence was necessary following the flash flood of late last month.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

...Ships Tree Press, NATIONAL MONUMENT

.....Box 29, Ely, Arizona.

September 01 ... 47

...for the Regional Director, Region Three.

There follows a report of activities for Wupatki National Monument for the month of September, 1947.

Weather

The weather held out the majority of the month with only a few rainy days in the beginning and end. Maximum of 101 degrees was reached on September 4 and minimum of 51 degrees on the 14th. Normally weather settles down at this time, but record for September shows 1.90 inches of rainfall. Winter rains, however, fell in late October and early November which were not recorded.

Travel

Visitors throughout October the area fell only a portion of those being entertained during the travel year by 83,818. Several groups of campers registered during month and it appears that as fall sets in many further travel seems unlikely.

Fire

The fire cough Ridge Department partially cleared by the Ranger Staff on the 2nd and 3rd, resulting area from the fire was planting by some of the worst holes in the meadow.

The Cinchopelia road was graded early in the month, but later reports indicate that record rains have again washed it out.

Buildings

A small cache over looking the burn into the ell. Cache pit and entrance into the ETS quarry road barrier. Installing the "Stop" sign and shooting out of the Navajo quarry. Ranger planned room for four line cabins. Two are two completed, with Institute, very nearly, except slightly finished and four less intended trips later after finishing the digging of a new pool hole and planting my the road. Upkeep on the car was estimated at $125.

Personnel

Ranger diagrams only two trips during the month - one to Walnut Canyon for Ranger Glover and one to Cave Creek for the Ely Navy trip.

His was days of maintenance on the earth secondary fence was necessary following the Flash flood of late last month.

Materials for the continuation of the Soil and Moisture program on the South boundary fence were gathered during the month with operation planned for October 1.

The kitchen of the Custodian's residence was painted by Laborer Bowden.

Ranger Fulton of Saguaro National Monument was in on August 31 with a load of hay.

PERSONNEL

Custodian Supernaugh has been on annual leave all month.

PUBLICATIONS

Informational two-fold pamphlets on hand, English version - 12,550.
Spanish version - 3,400.

PROJECTS FOR THE COMING MONTH

Soil and Moisture fencing project, visitor contact, and a hope for some construction work on the temporary Ranger residence.

Ray B. Ringenbach,
Acting Custodian.

SEP 20

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Saguaro National Monument
Tucson, Arizona.

September 27, 1947.

MEMORANDUM for the Regional Director,
Region Three.

There follows the monthly NARRATIVE REPORT of activities at Saguaro National Monument during the month of September, 1947.

WEATHER. Little relief from daily temperatures nearing 100 degrees was received; with a high of 106 making September 15 the second warmest day of the year, and a new record for the month. Several heavy thunderstorms which hit Tucson missed the monument entirely, and the precipitation for the month was less than one inch at Headquarters.

SPECIAL ACTIVITIES. The Custodian returned from a trip to Montezuma Well for a load of hay on August 27. On the following day Ranger Fulton made a similar trip for another load, returning September 14 after unloading part of the total at Organ Pipe Cactus.

MAINTENANCE. Replacement of water bars, adding new drainage to the trails in the forested area of the monument, and repair of the Spud Rock pasture fence took up most of the crew's time during the month. The Loop road within the cactus area was dragged twice in this period. A total of 20 miles of our trails were brushed out, and drainages improved or reconstructed, during the four months of fire season. After two more days spent attempting to unplug the sewer line at Headquarters, a plumber was employed to clear the stoppage. After two days of working properly, the line again clogged, rendering our indoor toilet and lavatory unusable. Maintenanceman Barney spent one day repairing the water pump at Madrona R.S. Most of Ranger Fulton's time during the month was spent in completing a temporary shed to house our two electric light plants, using largely scrap materials.

APPROACH ROADS. The Pima County Highway Department graded the Broadway approach road the last week. However, the first two miles east of the end of the pavement cannot be maintained by the county, since incorporation of this section as part of "Rincon Village" early in May. As Rincon Village has no funds, organization, or equipment, this portion of the road has not been graded since that time, and is in literally "cobblestone" condition. Numerous complaints are received from the few visitors now reaching the Monument, as to this condition, for which no remedy can be foreseen.

TRAVEL AND INTERPRETIVE SERVICES. Travel has continued to decline every month since February. September was no exception, with only

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DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

441 visitors, arriving in 142 cars and 5 five horses. Of the total, 133 were from Arizona, the remainder from 19 other states and Belgium. Thirty-seven persons, in 13 parties, were contacted at Monument Headquarters.

INSPECTION. Assistant Regional Director Davis, Regional Forester Carlson, Engineer Hendricks, and Architect Saunders visited Monument September 23 to 26. In company with Ranger Fulton their party spent two days at Manning Camp and on the trails of the Rincon Mountains, studying our protection and maintenance problems. The third day was spent at Headquarters working out an equitable method of allocating funds for all phases of our operations.

PERSONNEL. Fire Control Aids Richard R. Barney, Rex E. Marshall, and Roderick J. McKenzie were terminated August 29. Laborer Andrew T. Rushing was also terminated at the same time. Packer Mike Keevan resigned September 6, to return to school. To date this last position has not been filled. We were unable to find a qualified man to accept an Emergency appointment for the duties as Fire Control Aid, although additional funds had been allocated by the Director's office because of continuing dry conditions and fire scant severe lightning storms in the vicinity. The Civil Air Patrol was contacted, and agreed to patrol the area upon request; only one such patrol has been needed.

Custodian Spencer was on sick leave for most of the period between August 29 and September 15. Park Ranger Fulton began a month's annual leave on the evening of September 25.

FOREST FIRE PROTECTION. One Class "B" fire, which probably started during a heavy lightning storm of August 31, was reported September 2, and out September 4; acreage burned was 2.80. A crew of nine men were used in the suppression, cost of which was approximately $30.00.

COMPLAINTS. One written complaint, received by the Director through a Senator, was forwarded to this office. This dealt with undependable telephone service provided permittees on our telephone line, and was answered in a separate report.

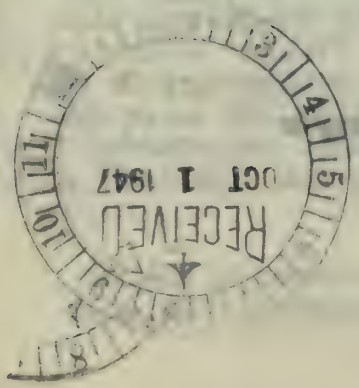
NEW EQUIPMENT. A set of lettering and numbering dies was purchased for use in identifying non-expendable equipment.

Don W. Spencer
Custodian.

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NATIONAL PARK SERVICE

Sunset Crater NATIONAL MONUMENT

Flagstaff, Arizona

September 27, 1947

MEMORANDUM for the Regional Director, Region Three.

There follows a report of the activities of Sunset Crater National Monument for the month of September, 1947.

Visitors this month: 2880 Travel Year to date: 15,059

Travel: With the usual trend for this season of the year, travel has shown some decrease but has held up surprisingly well when compared to the reported drop in travel along Highways 66 and 89. Registration for the month numbered 1152. Using the new method of determining the total travel, an additional 60% was added to the number that registered. An increase of 27.4 % is shown for the travel year over that for the preceeding year, with 4,134 more people visiting the monument. Generally the post-season visitors do not appear so hurried and take more time. No doubt they enjoy the monument more for they indicate more interest and show greater appreciation.

Weather: During the first ten days of the month occasional light showers continued. On the 6th a local hail storm covered the dunes and craters on the east side of Sunset. The hail remained several hours before melting. For the most part the latter portion of the month has been bright and sunny with only occasional cloudiness.

Roads: With the drying weather the approach and entrance road has again suffered from the heavy travel. The cordurory surface is persistent and creates a problem so that maintenance becomes more and more difficult. However with an occasional shower and almost daily dragging it has been possible to keep the road in fair condition. The back road to Wupatki still receives some travel, but with drying weather it will soon become necessary to close it to visitor use.

General: The principle project for the month has been a boundry survey. In studying the proposed enlargement of the monument it has been necessary to locate all points on the present boundry as well as those for the areas that are to be included. Many hours of walking and many more of searching for the elusive section corners have been necessary.

Interpretive Services: As much time as possible has been alloted to interpretive service and visitor contact. This has been limited by other

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NATIONAL PARK SERVICE

NATIONAL MONUMENT

tasks particularly during the latter part of the month. Additional time has been given to the photographing and identification of flowering plants.

Visitors: Dr. and Mrs. Colton accompanied by Miss Katherine Bartlett of the Museum of Northern Arizona were at Sunset on the 15th. Dr. Colton and Miss Bartlett gave most helpful assistance in the location of boundry markers and pointing out of the sites of excavated pit houses. This time so kindly given by them has materially assisted in the planning so that the majority of the important sites will be included in the proposed additions to the area.

Publications on Hand: Sunset Crater National Monument 2-fold leaflets on hand - 300 Copies.

Robert F. Upton
Ranger in Charge

Tonto National Monument
Roosevelt, Arizona

September 25 1947

MEMORANDUM for the Regional Director, Region Three.

Following is a report of activities at Tonto National Monument for the month of September, 1947.

Travel. September showed the expected slight increase in travel, with 578 visitors to the Monument, as compared with 414 in August. Slightly more than half of these were hardy enough to climb to the cliff dwelling in spite of the heat. About half the cars were from out of the state.

Weather. The few weeks preceding the autumn break in the heat here at Roosevelt Lake are usually brutally hot, and this year is the same as ever. Some rain has fallen this month, and the lake has started to fill again.

Roads. The entrance road is still in fair shape, though the short, heavy rains since it was graded last month have eroded it to some extent. The Apache Trail is not too bad, though corrugated in many sections.

Newsworthy visitors. Custodian Paul Beaubien of Walnut Canyon and Ranger Upton of Wupatki, and their wives, were here a short time en route to Phoenix. They brought in some wiring for the electrical system here. Custodian Al Nicknell and Chief Clerk Luis Castellum were here September 22, brought some equipment from Casa Grande, and spent a very helpful day going over fiscal and administrative matters with the ranger and custodian of Tonto. Assistant Supervisor Charles and Mr. Jones of the U.S. Forest Service dropped in a short while on the 24th.

General activities. Much of the time this month was spent in painting and rehabilitating the custodian's house, moving the 4000 gallon water tank from the terrace, setting up a fuel oil tank, in working on the truck, and general maintenance. The refrigerator in the ranger's quarters is finally working excellently. The custodian's house is finally wired for electricity, and is much more convenient. The travel, though light, is scattered enough to take up considerable time.

Charles C. Sharp
Custodian.

Charles S Sharp
Charles S. Sharp
Secretary.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
TUMACACORI NATIONAL MONUMENT
~~BOX 2225, TUCSON, ARIZONA~~
Tumacacori, Arizona

September 25, 1947.

MEMORANDUM for the Regional Director,
Region Three.

Follows the monthly narrative report for Tumacacori National Monument for the month of September, 1947:

WEATHER CONDITIONS: Precipitation of 1.19 inches was below the average for September, and continued with only slight alleviation the severe drought which has plagued this vininity all summer. High temperature for the month was 104 on the 3rd, low was 55 on the 12th. On the 6th we had a severe hailstorm.

MAINTENANCE: Routine maintenance, including much irrigating, was kept current. Transplants of three magueys were made to more suitable locations. Two peach trees, diseased and dying, were cut out and removed. Tools and equipment were all checked in detail for forthcoming annual inventory report.

INTERPRETIVE SERVICE: 686 visitors went on 129 guided trips through the mission church and grounds, receiving an average of 34 minutes per trip. 1,191 visitors received combined Information and Interpretation service in the museum lobby, patio garden, and view room. 1,148 visitors saw the museum.

INCREASE OR DECREASE IN TRAVEL: September did not hit a travel record. Travel was 1,263, as against an all-time September high, for 1946, of 1393.

VISITORS: August 26 - Maintenanceman and Mrs. Barnett of Casa Grande National Monument were interested visitors.

September 5 - Sallie Hayden, sister of Senator Carl Hayden, was much impressed with the monument.

September 9 - Colonel Proctor, owner of the famous Pete Kitchen ranch 14 miles south, was much interested in the old guns in our museum.

September 10 - Dr. and Mrs. H. L. Stahnke. Dr. Stahnke is Director of the Poisonous Animals Research Laboratory, in Tempe.

INSPECTIONS: September 18 - Chief Clerk Castellum was in for another instructive question and answer session. These field trips of his are quite valuable, and I hope they can be fairly frequent. (I believe, however, he was stealing time from his annual leave on the occasion of this visit).

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
TUMACACORI NATIONAL MONUMENT
Box 1189, Tucson, Arizona

September 13, 1947.

Regional Director,
Region Three.

Follow the monthly Security report for Tumacacori Pullout Monument for the month of September, 1947:

VISITOR CONTACTS: Precipitation of 1.19 inches was below the normal for September, and continued this month's relatively dry summer. Although what had started this relatively dry summer. High temperatures for the month was 104 on the 3rd, low was 59 on the 14th. On the 4th we had a severe hailstorm.

BUILDINGS: Routine maintenance, including minor interior, was kept current. Irrigation of three memory were made to more suitable locations. Two pecan trees, diseased and dying, were cut out and removed. Tools and equipment were all checked in detail for forthcoming annual inventory report.

INFORMATIVE SERVICES: 650 visitors went on 318 guided trips through the ruins in charge of guards, requiring an average of 34 minutes per trip. 1,391 visitors received assistance information and interpretation service in the museum lobby, patio garden, and view room. 1,142 visitors saw the movies.

PROTECTION OF PERSONS AND PROPERTY: September did not hit a travel record. Travel was 1,365, as against an all-time September high, for 1946, of 1,905.

VISITORS: August 30 - Distinguished red fox. Pursuit of Dona Ursula National Monument were interested visitors.

September 3 - Julia Dupree, sister of Senator Carl Hayden, was most impressed with the monument.

September 9 - Colonel Tyrrell, owner of the Tumacacori Ranch in Altar Valley, was much interested in the old mule in our [illegible].

September 10 - Mr. and Mrs. E. L. Phelps. Dr. Erskine is [illegible] of Conservation Science Laboratory, in Tempe.

[illegible]: September 12 - Chief Clerk Bartolina was in for another [illegible] and answer session. Those Phil Judge of his are [illegible], and I hope they can be fairly frequent. It helps, however, [illegible] the usual leave on the occasion of his visit).

MUSEUM AND EDUCATION: One piece of outside educational work this month took the form of a one hour illustrated evening talk to 30 summer school children at the nearby Santa Cruz Ranch. The custodian was able to stress value of conservation as applied to the subject of his avocation, herpetology.

DONATIONS: "Spanish Exploration in the Southwest," a book, was donated to the Tumacacori Library by Edward S. Spaulding, of Santa Barbara, Calif.

STABILIZATION OF MISSION CHURCH: Stabilization work proceeded, not fast but carefully, and, I believe, well done. Three laborers were on the job part of the month, two most of the month. All the east side of the mission church, the west, part of the north and part of the south, had long sections at the top of the wall where original plaster was entirely gone. Those sections are being lathed, and plastered. The east side of the nave, east side of the baptistry, tower sacristy, and north sides of the latter two, have now been completed. Completion of permanent repair work here meant a lathe covering for adobe on large areas, with a scratch plaster coat, then a thin, colored, finish coat. Many small patches had to be done, and here only a color coat was used. The roof of the sacristy is now stabilized permanently, and weather-proofed for probably two years.

Earl Jackson,
Custodian

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NATIONAL PARK SERVICE

Tuzigoot NATIONAL MONUMENT

Clarkdale, Arizona

September 26, 19 47

MEMORANDUM for the Regional Director,
Region Three.

Following is the monthly narrative report for Tuzigoot National Monument for September, 1947.

Travel Data: For the second consecutive month another all-time high was recorded for Tuzigoot as the number of visitors for September exceeded any previous corresponding period with a total of 1830. Our total for the 1947 Travel Year is 13,664, which, compared with last year's total of 10,579 constitutes an increase of 3,085, or 29%.

Guide and Contact Service: Museum, ruins, and orientation contacts totalled 5138 for the month. 1717 people in 415 parties were shown the Museum, and 1621 people in 296 parties were conducted through the Ruins. All visitors to the Museum were contacted.

Personnel Time: Museum: 131 hours, 25 minutes; Ruins: 91 hours, 20 minutes. Total time for Richert: 130 hours, 20 minutes; for Denke: 92 hours, 25 minutes.

Changes in Personnel: Temporary Ranger Lee E. Denke was terminated September 22 in order that he might accept full-time employment as general agent for an insurance company in Clarkdale. Custodian Bright is expected to transfer to Tuzigoot from Gran Quivira in approximately three weeks; meanwhile, the Monument is being kept open to the public every day of the week by the Acting Custodian with the able assistance of Mrs. Richert.

Maintenance and Administration: New seat covers were purchased for, and installed in the Government Pick-up Truck.

Rains during the earlier part of the month again forcefully revealed the poor condition of the Museum roof. Accordingly, the roof was checked again and roof cement applied in an effort to keep out as much rain water as possible until bids on a new roof are called for, and permanent re-roofing completed.

The water line was inspected and periodic checks by meter readings were made for possible leaks. Unless the contractor furnishes the remainder of our order for pipe so that it can be laid before Winter, the Monument will again be in dire straits.

The fence was patrolled and new hunting signs posted. Apparently the cloth signs need replacement on an average of every 6 months.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

NATIONAL MONUMENT

The County bladed the Monument approach road once during the month, including that portion of the road approach lying within Monument Boundary.

All room floors in the Ruins, and the Administration Area, were de-weeded and raked.

Special Visitors: On August 30, Ranger Jim Fulton of Saguaro was a welcome visitor. It was his first venture here, and he was enroute from Montezuma Well to Saguaro with a load of bailed alfalfa.

Custodian and Mrs. Supernaugh with Son Billy, of Organ Pipe Cactus National Monument were visitors on August 31. Bill was on Annual Leave. He and his family stayed in Cottonwood overnight following a nice visit and dinner at the home of the Acting Custodian in Clarkdale.

Mr. H. A. Lowman, professional photographer, was here on September 15 to take color pictures of the Monument.

Davis Dam Teen Age Club numbering 31 strong under the supervision of Mr. J. D. Kell descended on Tuzigoot September 21, and were given a special tour of the museum and ruins.

Roy and Dick Le Tourneau, son and nephew respectively of the famous Mid-western industrialist of the same name, whose heavy machine and road equipment is recognized and used in all parts of the globe, were very interesting visitors on September 21.

Publicity: On September 7, the Acting Custodian was asked to participate in a radio interview on Tuzigoot and the Verde Valley to be conducted by Miss Helen Mary Knox who has a Monday-through-Friday sustaining show on Radio Station KPHO, Phoenix, Arizona, at 10:45 to 11:00 A. M. Our consent to this was given (no, we were not paid), and Mr. James, a radio technician who accompanied Miss Knox, installed a Tape Recorder in the Tuzigoot Museum, and we proceeded to make a more or less impromptu and unrehearsed transcription. Inasmuch as Miss Knox and Mr. James were on a week's field trip in Northern Arizona for the purpose of gathering material for the show, the recording tape was flown to Phoenix where it was to be used in a re-broadcast during the week of September 14 to 21.

Publications: On hand, 38 free mimeo information sheets on Tuzigoot.

Roland Richert.

Roland Richert,
Acting Custodian.

Trailport Report for September 1947 - - - 2.

The Family Shade the Monument approach trail were during the month, including that portion of the road approach lying within Monument Jurisdiction.

All room floors in the Main, and the Administration Area, were cleaned and waxed.

Special Visitors: On August 30, Master Jim Tyler of Laguna was a welcome visitor. It was his first venture here, and he was accorded free Entrance. He will be welcome with a load of Dried alfalfa.

Students and Mrs. Hagerman with Ben Billy, of Cruz Type Costume Exhibit Monument were visitors on August 31. Bill was on Annual Leave. He and his family stayed in Centennial overnight following a nice visit and dinner at the home of the Acting Custodian in Tierrabla.

Mr. T. A. Lemmon, professional photographer, was here on September 18 to take color pictures of the Monument.

Twelve Men from Alpe Club reporting by virtual order the afternoon of Mr. C. Hall discussed on Trailport September 11, and were given a special tour of the various Arm rails.

Ivy and Mok le Fountain, son and nephew respectively of the famous Wild-western industrialist of the same name, whose Ivory machine and trap equipment is recognized and used in all parts of the globe, were very interesting visitors on September 11.

Publicity: On September 7, the Acting Custodian was asked to participate in a radio interview on Trailport and the Verde Valley to be conducted by Miss Phyllis Mary Knox who has a Monday-through-Friday broadcasting time on Radio Station KVNO, Phoenix, Arizona, at 12:45 to 13:00 L. M. Our answer to this was given (no, we were not paid), and Mr. Knox, a radio technician who accompanied Miss Knox, installed a Type Recorder in the Trailport Museum, and we proceeded to make a more or less leisurely and unrehearsed transcription. Inasmuch as Miss Knox said Mr. Knox went on a week's flight trip in Northern Arizona for the purpose of gathering material for the show, the recording tape was flown to Phoenix where it was to be used in a re-broadcast during the week of September 14 to 21.

Publications: In hand, 58 free issues Information sheets on Trailport.

Richard Hunter
Island Ranger.
Acting Custodian.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Walnut Canyon NATIONAL MONUMENT
Flagstaff, Arizona.

September 28, 1947.

MEMORANDUM for the Regional Director, Region Three. 19....

There follows a report of activities in Walnut Canyon National Monument for the month of September, 1947:

Weather. Two or three light showers kept the grass green, but there was no run-off to "tanks" and lakes. With little wind we had a good month for the visitors.

Visitors. Of the 2,277 total, 1,943 were contacted, and it is estimated that 1,717 made the ruins trip unattended. Thirtyfour parties,or 212 people, used the picnic area.

Activities. A trip was made to Casa Grande Nat'l Monument and Phoenix for Wupatki's dump truck, gas stove and refrigerator. On a day off, some copper wire was delivered to Tonto Nat'l Monument. A day was spent with Dr. Allan Phillips checking birds at this monument. Ranger Aubuchon spent two days with Economist Roy A. Prewitt. A day was spent with Ranger Ringenback loading a truck with lumber and other building supplies for Organ Pipe Cactus National Monument. More time than expected was spent trying to install a stove oil storage system at the Administration Building. It takes a lot of time to find enough pipe and fittings, and then get two drums that dont leak buried in the rocks here at the proper level. Men and equipment were hired from the County to repair our entrance road within area. Thirty five dump truck loads of cinders were hauled and a large blade was used to smooth them over the road where it is hoped they will force the run-off to pass under the road instead of over the top.

Personnel. Seasonal Ranger Viklund was terminated at noon, September 3. He is attending the College in Flagstaff this winter. It is planned to use him intermittently on trail work this fall, as a per diem laborer.

Paul L. Beaubien
Custodian

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
NATIONAL MONUMENT

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

WHITE SANDS

Box 231, Alamogordo, New Mexico

September 23, 47

MEMORANDUM for the Regional Director, Region Three.

SEPTEMBER, 1947, TRAVEL		1947 TRAVEL YEAR	
Visitors 12,574	Cars 3,084	Visitors 97,427	Cars 23,826

September finds our travel year at its end and the month and travel year both have broken all previous records since a fee has been charged at White Sands. For the month 12,574 people in 3,084 cars poured through our driveways. For the 1946-47 travel year we have had 97,427 visitors in 23,826 automobiles. Of this number over 7,000 have been members of our Armed Forces.

Everything shows an increase except personnel and appropriations - our personnel is no greater and our monies even less. Our increase this travel year is 11,734 over last year (which was our highest year since accurate records have been kept late in 1938) and is some 62,639 more than 1944 which was the lowest year.

If funds would permit operation of the checking station over longer hours in the summer months I have little doubt but that we could lay claim to well over 100,000 visitors during the past travel year.

Not one written complaint has been received by this office on the service offered by the National Park Service or by the concessioner, the White Sands Service Company. Numerous minor criticisms such as; closing the museum at 5:00 p.m. in the summer, no available picnic tables or shades on Sundays or holidays, locked rest rooms due to old or broken equipment, (in some cases lack of personnel to make immediate repairs), no rest rooms in the sands proper, no free literature on the area, et cetera, et cetera. We have been able in most instances to excuse the shortcomings as temporary post war defects that will be remedied as our appropriations and personnel increase, but to some this did not entirely satisfy.

Several official trips were made to the White Sands Proving Ground in connection with equipment and land use within our boundary. John Hall was in on a survey of a proposed line across the monument. Luis Castellum and family stopped in enroute to points south and west. The New Mexico State Tourist Bureau sent Harvey Caplin down for pictures of the Sands to be used during the next tourist season.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

[illegible]

Box 111, Glacier, New Mexico

November 22, 47

MEMORANDUM for the National Observer, Region Three.

SEPTEMBER, 1947, TOTAL 1947 CALEND. YEAR

Visitors 12,172 down 3,914 Visitors 97,827 down 11,582

September finds our travel year at its end and this month and travel year both have brought all previous records down a few had been charged at this time. For the month 32,972 people in 8,004 cars passed through our driveways. For the 1947-47 travel year we have had 97,827 visitors in 23,816 automobiles. Of this number over 7,000 have been members of our local forces.

Everything shows an increase except personnel and appropriations - our personnel is no greater and our monies even less. The increase this travel year is 11,772 over last year (which was our highest year since records were been kept into in 1938) and is some 21,000 more than 1941 which was the lower year.

If funds would permit operation of the shooting station over longer hours in the summer months I have little doubt but that we could lay claim to well over 100,000 visitors during the past travel year.

Not one written complaint has been received by this office on the service offered by the National Park Service or by the concessioner, the Mesa Verde Company. Numerous minor criticisms such as; closing the museum at 5:00 P.M. in the summer, no available meals or drinks or theatre on Sunday or holidays, limited rest rooms due to old or broken equipment, (in some cases lack of personnel to make immediate repairs), no rest rooms in the ruins proper, no free literature on the ruins, et cetera, et cetera. We have been able in most instances to excuse the Sunday ban as temporary post war failure that will be remedied as our appropriations and personnel increase, but we did did not entirely satisfy.

Several official trips were made to the Mesa Verde during [illegible] round in connection with equipment and land was within our boundary. John Jr. was in on a survey of a proposed line serving the monument. Jack Wyeth and Family stopped in enroute to points north and west. The Navajo Tribal Council met here and Superintendent Chapin down for [illegible] of the Parks to be used during the next tourist season.

Narrative Report
(2) September 23, 1947

Maintenance and new construction are virtually synonymous in that what little maintenance we have been able to do has been almost new construction. After a certain stage is reached your attempts to repair a table or fire grill result only in a complete rebuilding. Maintenance on our picnic area has practically reached that stage and we are slowly replacing our units as time, and procurement of Army salvage, allows.

Last month I mentioned the state widening and back-sloping U. S. 70 on both sides of the monument, as well as a new seal coat. This has helped materially and, since bids have been let for seal coating our entrance road, we are hoping to keep apace with the state and soon have our road looking as nice as 70.

The concession has struggled through the season with record sales in spite of their cramped quarters and lack of storage space. A spare office room has been used to assist in the storage problem but can only be considered a temporary relief.

Interpretive service has been low due to the loss of our temporary ranger, and too the ranger force has been spread so thin nothing has been given the attention we would like to give. All questions were answered but we feel certain that many more would have been asked if the visitor had not been crowded by others waiting for their questions to be answered also. Several late vacation parties have requested a rather complete routing through the Parks and Monuments of this region and this we are glad to do but it takes some time to do it right.

The museum has been a life saver as usual and answers most of the questions on the Monument proper, but no map, museum case, or what have you could possibly answer all the questions a Park Service visitor can think up. The worst one this past season has been " Does this road take us by where they dropped the Atomic Bomb?" Then, of course, there are always questions about the fauna of Acadia or the flora of Great Smoky Mountains.

A little notice of our visitor statistics will show that so far this fiscal year, in three months time, we show an increase of 7,934 over the same period last year, which is our record year. If this trend continues I shudder to think of how we can hope to maintain our already decrepit physical plant, picnic facilities, etc, on the monies allowed.

Maintenance and new construction are virtually synonymous in that what little maintenance we have been able to do has almost new construction. After a certain delay is reached by attempts to repair a table or fire grill nearly only is a complete rebuilding. Maintenance on our plants has practically reached that stage and we are simply replacing one unit as time, and procurement of duty permits, allows.

Last week I mentioned the plate widening and bend-straightening U. S. 72 on both sides of the movement, as well as a new roof coat. This has helped materially and, since this have been let for real casting our patrons real, we are hoping to keep pace with the plate and soon have our real loading as fine as 72.

The economies has affected through the season with record sales in spite of their reduced products and lack of storage space. A spare office room has been used to assist in the electric problem but can only be considered a temporary relief.

Interpretive service has been low due to the loss of our temporary helper, and the big helper there has been spread so thin nothing has been given the attention we would like to give. All questions were answered but we feel certain that many more would have been asked if the visitor had not been crowded by others waiting for their questions to be answered also. Several late vacation periods have requested a rather complete wording through the ferns and knowledge of this region and this we are glad to do but it takes some time to do it right.

The season has been a life saver as usual and summary was of the questions on the Museum proper, but no map, museum story, or what have you could possibly answer all the questions a park service visitor can hold up. The newly one this past winter has been [illegible] by whose liar through the plants [illegible]. They, of course, there are always questions about the fauna of Acadia as the flora of Great Smoky Mountains.

A [illegible] of our visitor statistics will show that we for this fiscal year, 18 three months time, we show an increase of 7,000 over the period last year, which is our record year. If this trend continues I doubt to think of how we can type to entertain our [illegible] through physical plans, plants facilities, etc, on the [illegible].

Narrative Report
(3) September 23, 1947

A minor car wreck occurred in the sands proper, no one was injured seriously. A visitor came in off the highway a few days ago and said a car was wrecked down the road three or four miles and a woman was badly hurt. I dashed down the road seven miles then figured I misunderstood the direction turned around and went five miles past Headquarters the other direction finding no car wreck either way. Later I learned the wreck had happened 23 miles south of us so I guess I just didn't go far enough. Such is life.

In this last report for the travel year I want to mention again that only through the splendid work of the boys were we able to do as well as we did. Both Paul and Harold as well as Ray put in many long hard hours which enabled us to carry on with the increased load.

A list of publications on hand follows. Several White Sands leaflets were received from the Region One Office but before we could get them unwrapped and put up there were only two or three left.

WHITE SANDS INFORMATIONAL LEAFLET (65 received from Region One Office)	2
Southwestern National Monuments (old)	400
Glimpses of Our National Parks	78
Location Map # 6	170

Johnwill Faris.
Johnwill Faris,
Custodian.

in triplicate

RECEIVED
SEP 26 1947

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Wupatki NATIONAL MONUMENT

Flagstaff, Arizona

September 27, 1947

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities at Wupatki National Monument for the month of September, 1947:

Visitors this month: 728 Travel Year: 4165

Weather: Clear, warm weather prevailed most of the month with a total precipitation of .24 inches. Vegetation is quite lush as a result of the rains late last month.

Roads: Approach roads are in fair condition, although no work was performed on them this past month. At least we have had no complaints of visitors getting stuck in the cinder.

Travel: After a sharp decrease early in the month visitor use exceeded that of August by 18%. Our travel year figure exceeds that of any previous year and is an increase of almost 20% over 1946.

Personnel: Temporary Ranger Arnold Page was terminated on September 5 so that he could enter college. With this early departure and heavy visitor travel the burden of visitor contact fell back onto the custodian. This resulted in our visitors not receiving the attention they should. Laborer leadman Hogan was also terminated on the 5th.

Navajos: Vera Standish, better known as Grandma Peshlacai, died on August 27. A venerable old lady of about 100 years, she was quite active until 1942, but had been practically an invalid since. She was respected by the local Navajos for her knowledge of the old ways and she was always making an effort to teach the younger women to use the old native dye formulas for wool. Last summer she supervised the manufacture of a Navajo type cooking pot which she asked be placed in our collection. Due to conditions beyond their control, her family had to make a partial burial of the old lady before calling on us. She is buried near Crack-in-the-Rock, a short distance from the river.

Activities of Outside Agencies: A wildcat outfit drilling for oil moved onto location about three miles northeast of Spider Web Ranch. There is supposed to be a limited oil structure at that point. No success to date.

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_____ NATIONAL MONUMENT

Captian and Mrs. Petersen of Denmark spent several hours photographing Wupatki and Wukoki Ruins. Representatives of the United Nations Information and Cultural Affairs, they were taking the movies to show to the Danish people.

NPS and Other Visitors: Visitors this month included Jean Pinkley of Mesa Verde NP, Ranger Bill Bowen of Grand Canyon, Custodian Supernaugh of Organ Pipe, Ranger Van Cleave of Lake Mead, NPS Economist Prewitt of the Washington Liason Office and Fred Packard of the National Parks Association.

Spring Flow: The increase of Wupatki Spring recorded last month was not long lived. It is flowing 129 gallons per day compared to 196 last month. Heiser, as usual, has decreased to 1200 gallons per day from 1350 in August.

General: Aside from routine duties, three days was spent with Photographer Rex Fleming making a sound tracked color movie on the story of the cinder and it effects, two days on the Sunset boundary report with Ranger Upton, four days scrounging for ways and means of building our Quonset. Essential repair parts for our trucks were received. Custodian Beaubien made a trip to Casa Grande for the "new" dump truck. While a considerable number of minor repairs were necessary to this truck, it is in fairly good shape. We have not yet eliminated all of the "bugs".

David J. Jones
Custodian

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SEP 30 1947

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

October 14, 1947.

MEMORANDUM for the Regional Director, Region Three.

Following is the narrative report for Naturalists of the Southwestern National Monuments for the month of September, 1947.

Staff Activities - General

Naturalist Dale S. King was in the office during the month except for visits to Bandelier National Monument on September 6, 7, and 8, and to Albuquerque.

Archeologist Charlie R. Steen spent most of the month in the office on routine duties. One trip was made to Albuquerque with Naturalist King, and two trips to Bandelier.

Naturalist Maurice Sullivan spent the official month in the office, but visited on annual leave the following areas: Bandelier, Great Sand Dunes, and Aztec Ruins National Monuments and Mesa Verde National Park.

Administration - Interpretation

Steen furnished to the Custodian, Tumacacori, information concerning final mission days in Arizona and New Mexico. This information was obtained from the Museum of New Mexico.

King conducted correspondence concerning the possible stabilization of natural features, such as peculiar rock formations; forwarded the approved copy for the 2-fold leaflet for Tumacacori National Monument; wrote letters to applicants for P-1 archeologist positions; and discussed service personnel problems on September 20th with Dr. W. W. Hill, chairman of the Department of Anthropology of the University of New Mexico.

King was finally able to attend one of the evening talk programs at Bandelier National Monument, and was impressed with the excellence of this well planned and executed program.

Public Relations and Extension Services

Steen read and edited articles submitted by others on Montezuma Well and on "Rainbow Highway", the Oak Creek Canyon road.

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DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Progress of Exhibit Plans and Projects

Sullivan analyzed and commented on an excellent plan prepared at Chiricahua National Monument for a geology exhibit there. This plan was returned to the local staff for preparation. He also edited and forwarded to the Eastern Museum Laboratories for preparation the labels for exhibits at Montezuma Castle.

King prepared a priority list of needed museum exhibit preparations for Southwestern National Monuments. He also went over with Custodian Kinnewies and Ranger Mattott at Bandelier the museum exhibits there and made suggestions for improvement. Plans were agreed upon among the three as to how further museum preparation may be accomplished during the winter. It is hoped that the services of Pablita Velarde can be obtained to finish the illustrations for the Ethnology Room.

Accessions (Other than library)

Sullivan obtained a stencil cutter from White Sands through the courtesy of Custodian Johnwill Faris. This machine will be of much service in the Department in the mailing and shipping of large packages, as well as preparing certain signs such as for nature trails. He also had correspondence with the Superintendent, Petrified Forest, in order to obtain a binocular microscope which is to be used at Santa Fe for botanical identification.

Research and Observations

The Custodian, Canyon de Chelly, was directed to remove a turkey burial which became exposed in Canyon del Muerto.

Observation file cards on birds were received from Aztec Ruins. It appears that very valuable observations are being made at Aztec Ruins on wildlife.

Sullivan furnished bird banding instructions to the staff at Tonto National Monument.

Region Three Office Loan Library

Accessions for the month were 17 books, 31 pamphlets, and 138 periodicals, making a total of 186.

Sullivan wrote for and received various geological publications.

Steen made a considerable number of additions to the bibliography file for various national monuments.

Southwestern Monuments Association

The Association donated a set of reference books describing Chaco Canyon to the library of the steamship of the same name.

A miniature set of photographs was compiled for sale at Bandelier National Monument.

Treatment of Patients Plans and Objectives

Patients analysed and documented in an available plans presented to individual treatment programme for a reading material issues. This plan was continued to his level after the preparations. He also aligned and forwarded to the assigned therapy laboratories for preparation the tablets for ambulance as treatments results.

Plan prepared a patients list at medical measure and this preparations for implementations therapies. He also went with therapies attempted and taught patients at Hospital; the measure activities there and made assessments for improvements. Plans were viewed again every five times as he time therapy measure preparation may be completed during his studies. It be lined this the insertion of tablets patients not be started by first the illustrations for the laboratory trials.

Assessments (Other than Library)

Patients selected a special writer Mrs Ellis Jones through the hospital of therapies Trust. This medicine will be at most material to the therapies to the meeting and diagnosed at their centre, as well as treatment materials also made-up for nature trials. In also in maintaining with the implementations, Hospital Trust, in order to obtain a biography information about to be used at cards fe for material identifications.

Research and Observations

The Inspection, Centre is Chair, was diagnosed as reading a reading material about the Centre del Hospital.

Chairperson Ella reading on Library material from Lynne Evans. It was point that very valuable observations are later used at Tablet Trial as utility.

Initial Presidents that reading instructions in the study as Trust patients reasons.

Special Visits or Other Library

Preparations for the media have to books. It provision, and the materials, visiting a total of 134.

Patients study the new treatment patterns individual publications.

Other data a consultants product of clinical to the publications for the various allowed treatments.

Presentations Conducted Externally

The Hospitals Council a set of reference books Caerphilly Library Service the library of the community at the same date.

A publication and of information was created for sets as Newsletter Trained treatments.

Correspondence ensued with the author of a publication concerning Tsankawi in an attempt to have the paper brought up to date to be included in a proposed compilation volume which will make available the rather extensive work done by National Park Service personnel on the history of that area.

During the month Treasurer Alan Tedder worked 19 days. Much of the time was spent in preparing the annual report and statements.

The biggest news was that the Association made a net operating profit of $3,551.73 for the fiscal year; [redacted] a profit of $894.30 occurred last year. Sales were $22,783.61 an increase of about $6,500 over the previous year. Inventory as of June 30th was $9,237.30 in comparison with $5,378.41 for last year's inventory.

An audit is now being made by a commercial auditor and it should be available in the [redacted] near future.

This month 132 covers were mailed including 27 letters and 41 purchase orders. Two deposits were made, including 13 and 17 items. Official time was spent on such chores as stamping business reply cards, consulting with the auditor, etc.

Reports; Memoranda

Received from Bandelier National Monument was an interesting report summarizing the evening lecture program which was carried on successively during the summer. A rather extensive schedule of talks was given and ground work laid for an even better program for next summer. Content of talks was outlined for written in full to furnish material for break-in of green personnel in the future.

Visitors

Chief Historian Donald Lee, Consultant Dr. Hans [redacted], and Historian Meredith Guillet.

Ruins Stabilization

Emergency funds of slightly more than $18,700 were received at the end of the month from the Director's Office to repair flood damage at Chetro Ketle at Chaco Canyon National Monument. This sum will enable an enlarged crew to place the damaged portion of the ruin in good condition by next spring.

Raymond Vixey reported for duty under Archeologist Gordon Vivian on September 17th. Mr. Vixey has been recommended for employment to replace Al Lancaster in the Archeologist Aide position for the ruins stabilization unit.

During the month Archeologist Steen inspected the weakening restored roof on the small kiva in the plaza at Aztec Ruins, as well as the stabilization work going on at Tsankawi at Bandelier National Monument. He recommended that the log cribbing be removed from the Aztec kiva and replaced with new preserved timbers. Stabilization work at Bandelier has uncovered some incidental archeology.

inasmuch as it has been found that various floor features exist in the rooms which are [illegible] unreported. Unfortunately, no known method of stabilization exists whereby these features can be exhibited to visitors.

Steen has prepared a memorandum for the Director asking assistance for technical aid in preserving the delicate plaster and fresco paintings at Tumacacori National Monument.

Steen and King made a fruitless trip to Albuquerque in an attempt to obtain suitable ruins stabilization tools from war surplus property. Steen spent considerable time during the month keeping stabilization records current.

Technical Aid to Administrators

A large portion of Sullivan's time was spent in compiling information concerning the 48 National Park Service areas in Region Three, the material to be used in a proposed manual for new employees.

Projects for the Months Ahead

King will be in the office most of the month on routine affairs, editing two technical papers on Montezuma Castle for publishing by the Southwestern Monuments Association, and possibly will travel to Flagstaff for ruins stabilization work at Wupatki Canyon and Tuzigoot later in the month.

Steen will spend most of the month in the office except for a week's trip to Canyon de Chelly and short trips to supervise stabilization work at Bandelier.

Sullivan will work in the office on the employee's manual and museum exhibit planning, with possible trips either to Arches or Great Sand Dunes National Monument.

(SGD) DALE S. KING

Dale S. King,
Naturalist.

(SGD) JOHN M. DAVIS

Approved for Distribution _____, October 14, 1947.
Assistant Regional Director.

cc: Mr. Davis.
Mr. Rodis.
Monument Circulation (2).

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Reports
1 and 420

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MONTHLY ...TISTICAL REPORT OF INTERPRETIV... SERVICES
IN NATIONAL PARK AREAS*

Arches National Monument
Name of Area

September
Month
1947
Year

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
rmanent		1	
mporary			1 (7 days)

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
to Caravans	2	10	3 hrs
lks or Hikes	4	19	1-3/4 hr
ins or Hist. House			
her	—		
Total	6	29	

TALKS	NO.		
mpfire			
tel or Lodge			
seum (Not connected with conducted trip)			
ientation (Not connected with conducted trip)			
her (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Headquarters	31	446	1/4 hr
Windows Section	11	284	1/2 hr
(Give Name or Type) Total	42	730	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Windows Section	20	795	1 hr.
(Give Name or Type) Total	20	795	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
oadcasts			
lks			
splays and Exhibits			
plies to Inquiries			
her			

1554
Total Receiving Interp. Serv.

1079
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

page booklets	
pular Studies	
urce Books	

NAME Russell L. Halsey

TITLE Custodian

MARKS: (Please note below any factors influencing interpretive service, such as: useum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Publicity received in the August issue of "National Geographic" ha s trebled our travel and more than doubled our contact and interpretive contacts.

NSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITOR USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Aztec Ruins
Name of Area

September
Month
1947
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		2	
emporary		1	

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	221	1562	1 hr
ther Museum	306	2020	1/2 hr
Total	527	3582	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
lks			
splays and Exhibits (Fair)	1	5,000	2 days
plies to Inquiries	7		
her			

GOVERNMENT PUBLICATIONS SOLD (number)

page booklets	175
pular Studies	
urce Books	

3582
Total Receiving Interp. Serv.

2020
Total Number Visitors to Area

NAME Irving D. Townsend

TITLE Irving D. Townsend, ~~Custodian~~

MARKS: (Please note below any factors influencing interpretive service, such as: useum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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120905

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Bandelier National Monument
Name of Area

September
Month
1947
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		2	2
Temporary			1

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	160	1707	68 min.
Other			
Total	160	1707	

TALKS	NO.		
Campfire	5	89	50 min.
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	5	89	

ATTENDED INTERPRETIVE STATIONS	DAYS		
	31	2076	10 min.
(Give Name or Type) Total	31	2076	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Trails of Tsankawi, Ceremonial Cave, Stone Lions, and Fire Lookout	31	692	
(Give Name or Type) Total	31	692	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

4564
Total Receiving Interp. Serv.

2767
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	
Popular Studies	
Source Books	

NAME Fred W Binnewies

TITLE Fred W. Binnewies, Custodian.

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Canyon de Chelly National Monument
Name of Area

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		one	
emporary	one	One	

September
Month

1947
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther	32	219	3.3 Hr
Total			

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)	10	28	.5 hr
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
lks (Gallup Rotary)	1	60	30 Min.
splays and Exhibits			
plies to Inquiries	12		
ther			

247
Total Receiving Interp. Serv.

313
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

page booklets	
pular Studies	
urce Books	

NAME Meredith M. Guillot

TITLE Custodian

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

~~Capulin Mt National Monument~~
Name of Area

Sept.
Month
1947
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		~~One~~	
emporary			

CONDUCTED TRIPS ~~None.~~	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther			
Total			

TALKS ~~None.~~	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS ~~None.~~	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
~~Wayside markers pointing out five of the Principal points of Interest.~~			
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries			
ther			

~~fifteen hundred~~
Total Receiving Interp. Serv.

~~4500~~
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

6 page booklets
opular Studies
ource Books

NAME _____

TITLE ~~Custodian.~~

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RECEIVED SEP 29 1947

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120905

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

CASA GRANDE NATIONAL MONUMENT
Name of Area

September
Month

1947
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	1
emporary			

Archeologist resigned Sept. 4 at 5 P.M.

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	136	916	80 Minutes
ther Museum	116	796	87.8 "
Total	252	1712	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Museum & Etc.		754	
(Give Name or Type) Total		754	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries			
ther			

1712
Total Receiving Interp. Serv.

1880
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

6 page booklets	88
opular Studies	
ource Books	

NAME A. T. Bicknell,
TITLE Custodian.

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

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INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

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COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Chaco Canyon National Monument
Name of Area

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		(1) Custodian	
emporary			(1) Ranger

September
Month
1947
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	33	98	72 mins
ther			
Total	33	98	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)	22	75	17 mins
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total	22	75	

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total	0	0	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total	0	0	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
plies to Inquiries	1	written request	
ther			

GOVERNMENT PUBLICATIONS SOLD (number)
6 page booklets
opular Studies
ource Books

173
Total Receiving Interp. Serv.

98
Total Number Visitors to Area

NAME Irving McNeil, Jr.

TITLE Custodian

EMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

rms, muddy roads and rough roads have retarded visitor travel.

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Chiricahua National Monument
Name of Area

September
Month

1947
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	
emporary			1

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther			
Total			

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
~~Headquarters Museum~~	~~31~~	~~989~~	~~½ hour~~
(Give Name or Type) Total	31	989	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
~~Massai Point Orientation Station~~	~~31~~	~~553~~	~~½ hour~~
(Give Name or Type) Total		553	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA	NO.	ATTENDANCE	DURATION
roadcasts			
lks			
splays and Exhibits			
plies to Inquiries			
ther			

GOVERNMENT PUBLICATIONS SOLD (number)
page booklets
opular Studies
ource Books

~~1542~~
Total Receiving Interp. Serv.

1106
Total Number Visitors to Area

NAME Clair V. Cooke
Clair V. Cooke

TITLE Custodian.

REMARKS: (Please note below any factors influencing interpretive service, such as: "Museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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SEP 29

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

El Morro N.M.
Name of Area

Sept
Month

1947
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		Custodian	
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes	22	107	1 hr.
uins or Hist. House			
ther			
Total	22	107	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks	1	16	1 hr.
isplays and Exhibits			
plies to Inquiries			
ther			

GOVERNMENT PUBLICATIONS SOLD (number)	
page booklets	
opular Studies	
ource Books	

107
Total Receiving Interp. Serv.

135
Total Number Visitors to Area

NAME Bates Wilson

TITLE Custodian

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*
GRAN QUIVIRA NATIONAL MONUMENT
Name of Area

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		ONE	
emporary			

SEPTEMBER
Month
1947
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	83	294	55 mins.
ther			
Total	83		

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries	3		
ther			

294
Total Receiving Interp. Serv.
294
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

6 page booklets	
opular Studies	
ource Books	

NAME Everett W. Bright
TITLE Custodian.

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

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CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

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INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Montezuma Castle National Monument
Name of Area

September
Month
1947
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	2 (Leding, Schroeder)
emporary			1 (Frost)

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	179	942	60 min.
ther			
Total	179	942	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip) *	178	619	5 min.
ther (Not connected with conducted trip)			
* Cars & visitors at Montezuma Well. Total	178	619	

ATTENDED INTERPRETIVE STATIONS	DAYS		
Museum (not continuously attended)	31	1146 no record	15 min.
Orientation (connected with conducted tour but information received by those not making trip.)	31	733	10 min.
(Give Name or Type) Total	62	1879	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Sycamore Trail (self guiding with leaflet)	31	no record	20 min.
Montezuma Well trail (self guiding with leaflet)	31	619	30 min.
(Give Name or Type) Total	62	619	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts	None		
lks	None		
splays and Exhibits	None		
plies to Inquiries	2		
ther			

4059
Total Receiving Interp. Serv.

3087
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

page booklets	None ordered.
opular Studies	"
ource Books	"

NAME Homer F. Hastings

TITLE Custodian

EMARKS: (Please note below any factors influencing interpretive service, such as: "Museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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120065

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Natural Bridges National Monument
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent			-
Temporary			1

September
Month
1947
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes	14	41	8 hrs.
Ruins or Hist. House			
Other			
Total	14	41	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Headquarters	23	174	1 hr
(Give Name or Type) Total	23	174	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Headquarters	8	42	1 hr.
(Give Name or Type) Total	8	42	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	2	4	1/2 hr
Other			

257
Total Receiving Interp. Serv.

216
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	
Popular Studies	
Source Books	

NAME Russell L. Urban

TITLE Acting Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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MONTHLLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

~~Navajo National Monument~~
Name of Area

September
Month
1947
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	Part
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
to Caravans ~~SANDAL TRAIL~~	5	14	1 3/4
alks or Hikes ~~BETATAKIN~~	3	10	5 1/2
ins or Hist. House ~~KEET SEEL~~	1	2	25 hrs.
ther			
Total	10	27	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
SANDAL TRAIL (unguided)	3	11	
(Give Name or Type) Total		11	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries	4		
ther			

GOVERNMENT PUBLICATIONS SOLD (number)

6 page booklets	
opular Studies	
ource Books	

58
Total Receiving Interp. Serv.

54
Total Number Visitors to Area

NAME J.W. Brewer jr.

TITLE J.W. Brewer, jr., Custodian

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

ORGAN PIPE CACTUS NATIONAL MONUMENT
Name of Area

SEPTEMBER
Month
1947
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	0	1	1
Temporary	0	0	0

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Headquarters	5	15	1/2
(Give Name or Type) Total	5	15	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

15
Total Receiving Interp. Serv.

7,398
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	
Popular Studies	
Source Books	

NAME Ray B. Ringenbach.
TITLE Acting Custodian.

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FILL OUT ONLY THOSE BLOCKS THAT APPLY

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"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
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TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

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UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITOR USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Saguaro National Monument
Name of Area

September
Month

1947
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		2	
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Monument headquarters	7	37 persons in 13 parties	195 min tot 15 min av.
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

37
Total Receiving Interp. Serv.

441
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME Don W. Egermayer

TITLE Custodian

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Sunset Crater National Monument
Name of Area

September
Month
1947
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent			1
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther			
Total			

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Interpretive Contact	16	630	10 Min.
(Give Name or Type) Total	16	630	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Trailside Signs	30	1152	5 Min.
(Give Name or Type) Total	30	1152	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
oadcasts			
lks			
splays and Exhibits			
plies to Inquiries			
her			

1782
Total Receiving Interp. Serv.
2880
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

page booklets	
pular Studies	
urce Books	

NAME Robert F. Upton

TITLE Ranger in Charge

MARKS: (Please note below any factors influencing interpretive service, such as: useum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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120905

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Tonto National Monument
Name of Area

September
Month

1947
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	1	1	
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	84	254	50 min (av.)
Other			3825 min. total
Total	84	254	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Headquarters Museum-Exhibit room	31	550	av. 10 - 20 min.
		(in 150 groups)	1985 min total
(Give Name or Type) Total	31	550	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	3		
Other			

804
Total Receiving Interp. Serv.

378
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

5 page booklets	(No Govt. publications on hand
Popular Studies	for sale.)
Source Books	

NAME Charles C. Sharp

TITLE Custodian

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120905

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Reports
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120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

~~Tumacacori National Monument~~
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		~~1~~	~~1~~
Temporary			

~~September~~
Month
~~1947~~
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	~~129~~	~~686~~	~~34.00 mins.~~
Other			
Total	~~129~~	~~686~~	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	0	0	

ATTENDED INTERPRETIVE STATIONS	DAYS		
~~ntacts at registry desk in lobby, or in museum. nformation service and Interpretation combine in ose contacts; all visitors except runarounds t this service.)~~	~~31~~	~~1,191~~	~~5 mins~~
(Give Name or Type) Total	~~31~~	~~1,191~~	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
~~seum is self-guiding; guide does not station him- if in museum, but is located in lobby when not on in trips or working at something else; orients sitors in museum, turns on lights, etc.~~	~~31~~	~~1,148~~	~~10 mins.~~ *
(Give Name or Type) Total	31	1,148	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts	0		
Talks	~~1~~	~~30~~	~~1 hour~~
Displays and Exhibits	0		
Replies to Inquiries	0		
Other	0		

~~3,025~~
Total Receiving Interp. Serv.

~~1,253~~ **
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

36 page booklets	
Popular Studies	~~none~~
Source Books	"
	"

NAME Earl Jackson

TITLE ~~Earl Jackson, Custodian~~

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

~~* Estimate. ** Including 72 runarounds.~~

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CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

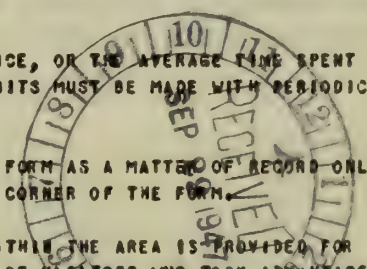
INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.



INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Tuzigoot National Monument
Name of Area

September
Month

1947
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent	One		
emporary	One		

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	296	1621	18.5min.
ther			
Total			

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)	415	1717	19 min.
rientation (Not connected with conducted trip)	450	1800	4 min.
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts	1	Unknown	15 min.
alks	1	31	20 min.
isplays and Exhibits			
eplies to Inquiries	5		
ther			

5138
Total Receiving Interp. Serv.

1830
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

6 page booklets	
opular Studies	
ource Books	

NAME Roland Richert

TITLE Roland Richert, ~~Acting Custodian~~

EMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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FILL OUT ONLY THOSE BLOCKS THAT APPLY

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Walnut Canyon National Monument
Name of Area

September
Month
1947
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		One(part-time)	One(part-time)
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Overlook at Admin. Building.	29	1,943	1/3 hour
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

1,943
Total Receiving Interp. Serv.
2,277
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	
Popular Studies	
Source Books	

NAME Paul L. Beaubien

TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

WHITE SANDS NATIONAL MONUMENT
Name of Area

September
Month

1947
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	2
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes		[illegible]	
Ruins or Hist. House		0	
Other		[illegible]	
Total		[illegible]	

TALKS	NO.		
Campfire			
Hotel or Lodge		[illegible]	
Museum (Not connected with conducted trip)		0	
Orientation (Not connected with conducted trip)		[illegible]	
Other (Not connected with conducted trip)		[illegible]	
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
	31	2160	1/20
(Give Name or Type) Total		2160	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
		[illegible]	
		0	
		[illegible]	
		[illegible]	
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits		NONE	
Replies to Inquiries			
Other			

2,160
Total Receiving Interp. Serv.

12,574
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

Page booklets	
Popular Studies	
Source Books	NONE

NAME _____

TITLE Park Ranger

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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EXPLANATION OF TERMS USED

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ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

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MONTHLY)ATISTICAL REPORT OF INTERPRETI)SERVICES
IN NATIONAL PARK AREAS*

Wupatki National Monument
Name of Area

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		one	
emporary			

September
Month
1947
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	47	150	45
ther Orientation from Ruins Overlook	31	95	10
Total	78	245	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Nalakihu Exhibit	30	227	05
(Give Name or Type) Total	30	227	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
plies to Inquiries			
ther			

472
Total Receiving Interp. Serv.
728
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

6 page booklets	
opular Studies	
ource Books	

NAME David J. Jones
TITLE Custodian

EMARKS: (Please note below any factors influencing interpretive service, such as: useum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Temporary ranger left to enter college September 5-- pressure of other work prevents contacting visitors

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"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITOR USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

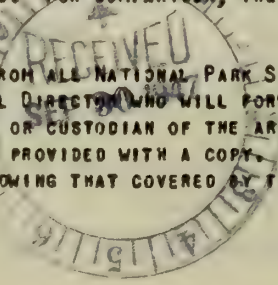
COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.



THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

UNITED STATES
DEPARTMENT OF THE INTERIOR
National Park Service
Region Three
Santa Fe, New Mexico

11-7-47

OCT 1947

Routing List Southwestern National Monuments Areas

	Name of Official	Date Received	Date Forwarded
Bandelier	Simmons	11/13/47	11/18/47
Great Sand Dunes	Bowers	11-26-47	11-28-47
Pinnacles	Richert	12-1-47	12-1-47
Montezuma Castle	Hastings	12/3/47	12/4/47
Canyon de Chelly	Gullet	12/10/47	12/14/47
El Morro	Wilson	12/19/47	12/24/47
Aztec Ruins	Townsend	12/30/47	12/31/47
Chaco Canyon	Vivian	1/2/48	1/5/48
Capulin Mountain	1/9-48-	[illegible]	1/12-48
Gran Quivira	Arnold Bowen	1/14/48	1/15/48
Arches	R2M	1/17/48	1/20/48
Region Three Office - M. King			

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Arches NATIONAL MONUMENT

Moab, Utah

October 28, 1947

MEMORANDUM for the Regional Director, Region Three:

The following is a narrative report for Arches National Monument for the month of October, 1947:

GENERAL: Despite heavy storms during the month the exceptional visitation to this area has continued. Most of our visitors are the type who want to spend several days in the country absorbing the scenery of the area and not the stop-look-run type, but we have had to discourage their visiting the outlying sections due to impassable roads. Many of these parties, not to be discouraged, have made the hike from Balanced Rock to Delicate Arch, a round-trip of 12 miles, and stated that it was certainly worth the effort. The Courthouse Towers area continues to be one of the most popular sections, despite the two mile walk over rough country with no trail.

TRAVEL: Again this month our travel was well above normal with 181 cars and 465 people visiting the area, as compared with 70 cars and 185 people for October, 1946. We had representation from 28 states and Canada. Approximately 75% of the travel was out-of-state.

The Moab Lions Club held a picnic at the Windows on September 28th, honoring visiting Lions from Grand Junction, Colorado and Monticello, Utah with 75 people in attendance.

INTERPRETIVE SERVICES: Our interpretive contacts dropped considerably from the previous month but were still way above normal. One guided trip was taken in the Windows section with a party of 21 visitors. Ninety one people were contacted at the Windows parking area and 184 people were contacted at headquarters. Three hundred and seventy two people visited the Windows section unattended.

WEATHER: The first frosts of the year came during the month and the weather has been much cooler. Rain started falling on October 10th and continued intermittently throught October 14th, with showers of cloudburst proportions occuring each day. The official gauge at Moab registered 2 inches of precipitation for this storm. Heavy rains fell again on October 21st and 22nd.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Arches ..... NATIONAL MONUMENT

..... Moab, Utah .....

..... October 22, ... 1947

SPECIAL ACTIVITIES: I was in attendance at a meeting of the Associated Civics Clubs of Southern and Eastern Utah on September 7th at Moab. Matters discussed were the Colorado River Pact and contemplated dams for this section, and and southeastern Utah roads, both primary and secondary. Attendance was poor and very little was accomplished. A banquet was held in the evening honoring the visitors.

An official trip was made to Blanding, Utah on October 3rd to contact Ranger Redd regarding problems at Natural Bridges.

Mr. Walter H. Keeh, Field Examiner, Bureau of Land Management visited the area on October 5th on a belated investigation of unauthorized excavations of archaeological sites in San Juan County and dinosaur remains in the visinity of Arches. A trip was made to the Dalton Wells dinosaur site, with him, on October 17th.

ROADS: The Director's office has approved construction of roads in Arches National Monument by Grand County and the Utah State Department of Publicity and Industrial Development and the contract between these two agencies has been approved, whereby, $16,000 is available for this work. Construction work was to have started on October 13th but the heavy storms have kept the county equipment busy on other jobs and it will probably be November 3rd before work can be started. The county has purchased a new FWD truck and a compressor for this job.

The heavy storms experienced during the month raised havoc with our roads. On October 13th three cars containing 6 people, were marooned near Courthouse Wash due to high water, and had to spend the night there. They were all good sports and enjoyed the experience very much. We have been able to keep the road to the Windows passable after these storms but for most of the month it has been very rough. The state hauled shale to Courthouse Wash and other bad spots on October 24th and 25th and the patrol graded the road from the highway to Balanced Rock on the 27th. The headquarters loop road was washed out in three places when a retaining wall gave way in the wash above quarters and flooded the headquarters area.

The road to the Devil's Garden and Delicate Arch, through Salt Valley, has been impassable since Octobe r 10th and I dont know when the county will be able to put it in passable shape.

PUBLICITY: The Viking Pictures Corporation of Chicago, Illinois have signed a contract with the Utah State Department of Publicity and Industrial Development for the making of two reels of color film of Southeastern Utah. Representatives of the company. Mr. Sullivan C. Richardson and Mr. Arnold Whitaker arrived on October 15th and the matter of the filming of Natural

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Mr. Walter H. Keen, Field Examiner, Bureau of Land Management visited the area on October 8th on a pasture investigation of unauthorized excavations of archaeological sites in San Juan County and dinosaur remains in the vicinity of Arches. A trip was made to Salt Valley dinosaur site, with him, on October 17th.

PUBLIC: The Director's office has approved construction of roads in Arches National Monument by Grand County and the Utah State Department of Publicity and Industrial Development and the contract between these two agencies has been approved, $15,000 is available for this work. Construction work was to have started on October 15th but the heavy storms have kept the county equipment busy on other jobs and it will probably be November 3rd before work can be started. The county has purchased a new TD9 track and a compressor for this job.

The heavy storms experienced during the month ~~have~~ ~~with~~ our roads. On October 15th there were ~~containing~~ 4 people, ~~were~~ marooned near Courthouse Wash due to high water, and had to spend the night there. They were all good sports and enjoyed the experience very much. We have been able to keep the road to the Windows passable after these storms but for most of the month it has been very rough. The grade leading ~~to~~ Courthouse Wash and other bad spots on October 15th and 16th and the patrol graded the road from Klipsey to Delicate Arch on the 17th. The headquarters loop road was washed out in three places when a resident ~~of~~ Moab gave way in the wash above quarters and flooded the headquarters area.

The road to the Devil's Garden and Dalmata Arch, through Salt Valley, has been impassable since October 15th and I don't know when the county will be able to put it in passable shape.

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Bridges and Arches National Monuments was discussed. They left for Natural Bridges on the 6th, to complete filming there before snow closed the road over the Elk Mountain. They returned on the 15th and shot the Windows and Courthouse Towers sections, after which they went to Monument Valley and finished their work there. They are at present filming the features of the Devil's Garden and Delicate Arch sections.

Mr. Charles C. Herbert, representative of Western Ways, Tucson, Arizona visited the area on October 5th, gathering information for an extensive series of pictures on Arches. No definite decision was made as to when this work would be accomplished.

PRIVATE LANDS: Funds have been made available for the purchase of the 160 acres of private land included in the monument, the Turnbow Homestead, and negotiations are under way for the acquisition of same.

MAINTENANCE: Our water pumping system ceased functioning on October 8th and upon investigation, it was found that the main shaft in the pump jack had broken. A new shaft was made in Moab and it was again in operation on October 9th.

Signs are being constructed for the new roads to Devil's Garden, Fiery Furnace and Delicate Arch and also for the trails in these sections. We hope to have all roads and trails adequately marked by the next travel year.

NATIONAL PARK SERVICE VISITORS: Mr. Jesse Nusbaum visited the area for a short time on October 9th and discussed the investigation now being carried on by the Bureau of Land Management of unauthorized archaeological excavations in San Juan County. He continued on to Blanding to contact Mr. Koch, who is making the investigation.

Russell L. Mahan

Russell L. Mahan
Custodian

(in trip.)

bridges and Arches National Monuments was discussed. They left for Natural Bridges on the 6th, to complete filming there some aborted the road over the Elk Mountain. They returned on the 12th and shot the Windows and Courthouse Towers sections, after which they went to Monument Valley and finished their work there. They are at present filming the features of the Devil's Garden and Delicate Arch sections.

Mr. Charles C. Herbert, representative of Bonners Way, Tucson, Arizona visited the area on October 6th, gathering information for an extensive series of pictures on Arches. No definite decision was made as to when this work would be accomplished.

PRIVATE LANDS: Funds in the amount of $1,000 have been made available for the purchase of the 160 acres of private land included in the monument, the purchase documents and negotiations are under way for the acquisition of same.

MINING CLAIMS: Our mining engineer visited Fiery Furnace on October 6th and upon investigation, it was found that the vein cleft in the pony jack had broken. A new shaft was made 75 feet and it was again in ore at ten on October 7th.

Plans are being completed for the new roads to Devil's Garden, Fiery Furnace and Delicate Arch and also for the trails in these sections. We hope to have all roads and trails adequately marked by the next travel year.

MEETING WITH STATE OFFICIALS: Mr. Jones Dobson visited the area for a short time on October 8th and discussed the investigation now being carried on by the Bureau of Land Management of archeological conservations in the area. Cooperation to be extended in conduct thereof, also in marking the investigation.

(In duplo.)

Harold T. Dobson
Custodian

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
AZTEC RUINS NATIONAL MONUMENT
AZTEC, NEW MEXICO

24 October 1947

MEMORANDUM for the Regional Director,
Region Three, National Park Service.

WEATHER. Generally excellent weather with some rainfall has prolonged the travel season and this month was some 7% ahead of October a year ago. Our first frosts have just arrived with a low of 26.

MAINTENANCE. We have completed repair to the public comfort station septic tank and are now preparing buildings for the coming winter cold.

SPECIAL ACTIVITIES. Oct 9, Custodian to Ft Lewis Branch of Colorado State College to present illustrated lecture on the National Park System. Oct 15, same to the Rotary International, Farmington, N.M. Oct 21, presented illustrated talks to students at Bloomfield and Rio Vista County Schools. Oct 1 Steen, from Regional Office in.

INSPECTIONS. Charlie Steen on Sept 30 and Oct 1 inspected the ruins generally and the roof of the small kiva in the plaza of the pueblo.

INVESTIGATIONS OF BOUNDARY CHANGE. Deed, abstract of title and pertinent facts relating to the acquisition of the Hubbard Mound were and are currently being handled with the lawyer for Clyde C. Hubbard, owner of the property.

INCREASE IN TRAVEL. There were 936 visitors in 335 cars from 37 states. This is an increase of 7% approximately, over the 868 people in 310 cars from 36 states of October last year.

INTERPRETIVE SERVICES. There were 626 visitors in 147 parties conducted thru the ruins and 936 people in 216 groups shown the museum.

Irving D. Townsend,
Custodian.

in triplicate

AZTEC

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

AZTEC RUINS NATIONAL MONUMENT

AZTEC, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

October 31, 1947.

MEMORANDUM for the Regional Director, Region Three.

There follows a report of the activities at Bandelier National Monument for the month of October, 1947.

Weather

Beautiful Indian summer weather continued throughout the month with the first freeze of the fall occurring on October 22, the maximum of 85 degrees on October 4, and the minimum of 25 degrees on October 23 and 26. Precipitation from September 28 to October 27 totaled 0.65 inch.

Roads and Trails

Condition of the approach road has improved during the month and the hauling of clay to exposed rocky spots and gravel to the potentially slick areas is continually adding to the improvement. An additional allotment of Roads and Trails funds is enabling us to rebuild the headwalls on dips in the approach road and to improve and rebuild the road drainage. This will stop the severe washing of the road after rains and will enable us to maintain the road shoulders in better condition.

Directional signs along the approach road and in the Headquarters area have been reconditioned and painted. Mr. Bursey of the State Tourist Bureau was contacted and arrangements made to repaint and reset the road sign at Pojoaque which had been removed during road construction.

Special Activities

The custodian spent October 16 in Santa Fe conferring with Assistant Regional Director Davis, Supervisor Flock of the Forest Service, and Los Alamos officials headed by Chief of Engineers DiLuzio concerning the powerline to Bandelier from a Los Alamos connection and the proposed relocation and rebuilding of the telephone line.

October 22 was spent with Landscape Architects Carter and Thomas of Region Three and Los Alamos officials on the Otowi Section making a preliminary study of the realignment of the present State Highway 4

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

through this section of the monument to a construction camp to be established by Los Alamos just south of the Otowi Section. Pavement of this section of the road will add about 4.5 more miles of paved surface to our approach road.

Completion of the investigation of alleged "pot-hunting" on monument lands by Lee Middleton of Los Alamos revealed that all of his activities had been on land under the jurisdiction of the Atomic Energy Commission and that the impression conveyed by the article in the Los Alamos Times was erroneous. The Times carried a follow-up article explaining National Park Service policy with regard to "pot-hunting" in particular and natural features and their protection in general and describing the attractions of Bandelier National Monument.

The custodian and clerk have spent a large portion of their time contacting visitors, checking cars, and conducting ruins trips, re-emphasizing the need for one more permanent employee for visitor contact work. Indicative was the 16½ hours spent by the clerk on ruins trips and museum contact alone, not counting the time needed for car checking and giving information to the visitors.

Travel

This month surpassed last October in travel by 58½%. Although there was very little use of the campground, the daily travel held up very well. Of course, Sunday travel was in a large part responsible for the increased number of visitors as good weather prevailed on weekends.

Interpretation

Over 50% of the visitors to the monument went through the ruins. This rather low percentage reflects the large local travel figure, i.e. those who come for picnics.

Visitors

Official National Park Service visitors during the month were Regional Archeologist Hood, Naturalist King, Landscape Architects Thomas and Carter, and Engineer Bradley.

Stabilization

Two and one half days during the month were spent by the stabilization crew on necessary drainage at Long House and Group H. The remaining days were spent in cleaning and packing walls and testing walls for old masonry and foundations in Tyuonyi. Fifteen more rooms were completed during the month.

through this meeting of the Committee on Administration ready to be established by the fifteen days period of the Legal Committee. Statement of this portion of the real will which [illegible] some claims of legal succession by any appropriate court.

Completion of the investigation of alleged "pre-booking" or excessive loads by the Committee of Ten Alumni revealed that all of the activities had been in good order for performance of the Alumni Loyalty Committee and that the information received by the Athletic Ice Cream Fund was erroneous. The Alumni Athletic Committee [illegible] Iowa Corporation Policy with regard to "pre-booking" in purchases and market [illegible] for their protection [illegible] general and benefiting the activities of Regular Alumni Committee.

The coaching and alumni have given a large portion of their time [illegible] activity, Security Corp, and coaching roles [illegible] organizations like band for the many [illegible] athletic [illegible] task work. Indicative was the [illegible] given by [illegible] title and means control plans, and examining the time needed for its [illegible] information be the eligible.

Travel

This week authorized [illegible] travel by [illegible]. Alumni Chair was very little use of the [illegible], the daily travel bill of very well. It should [illegible] a large [illegible] the the increased number of visitors on [illegible] scale.

Interpretation

[illegible] of the [illegible] was [illegible]. This [illegible] [illegible] [illegible], i.e. [illegible] the [illegible].

Duties

[illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible], and [illegible].

Qualifications

[illegible] [illegible] [illegible] [illegible] [

An interesting fact was uncovered during the sub-floor tests made to determine old walls. It was found that the interior rooms facing the plaza just north of the entrance passage are built on an old trash mound and two burials were found in it. It is probable that other burials are in the trash dump, since only a small section was dug into while testing walls. These are the first burials to be found associated with the large community house ruins. They were in an advanced state of deterioration and little can be determined as to their origin.

Protection

Fifteen "Contamination Area" signs were installed around the contaminated area which extends from Los Alamos land for about a quarter of a mile into the Otowi Section near the lower end of Ewage Mesa but which does not include ruins or other features of visitor interest. Nine "No Wood Cutting" signs were also constructed and installed at key places on the Otowi Section.

Frequent patrol of the Otowi Section resulted in contacts with a number of wood-cutters en route to the Forest Service land just south of the detached section. Mr. Gomes of San Ildefonso was apprehended cutting wood on monument land in Bandia Canyon, but charges were not preferred as a stern warning was felt to be preferable in this particular case. Prospective hunters were also contacted on patrol and informed of the regulations and monument boundaries.

Maintenance

Frijoles Canyon Lodge has been de-activated for the winter by draining the water system and closing up the cabins. The campground comfort station has also been closed to the public for the winter. National Park Service facilities for winter use have been checked and prepared for freezing weather.

The electric light plants have been changed so that the single-phase 10 KW gasoline plant can be used for heavy loads, the three-phase only for operating shop equipment, and the 3 KW for office lights during the winter. The Diesel will not be used during the winter and current will not be generated during the night after retirement hours.

Utilities

The status of the construction of new power and telephone lines is still in abeyance as indicated above under special activities. A request for a Star Route to Bandelier to improve our mail service was refused by the Division Superintendent of the Railway Mail Service in Albuquerque. The refusal was based chiefly on the lack of funds to establish new routes.

Lodge

Frijoles Canyon Lodge closed on October 15 and will probably reopen again about May 1. Notification of the closing of the Lodge was sent to newspapers, Chambers of Commerce, and travel agencies. Mrs. Frey, the manager, reported an increase of 258 guests and 2,513 meals over those of the summer season of last year.

Permits

A consolidated permit has been issued by the Regional Director to the Atomic Energy Commission to cover buildings and structures on the Otowi Section formerly covered by several permits.

Personnel

In-service-training meetings twice weekly began for all personnel on Tuesday, October 28 with the custodian as leader.

Mrs. Margaret Onstott has been terminated as WAE Fire Control Aide. WAE Guide Simon Joseph Thomas is still employed but his services were not used during October.

(SGD) FRED W. BINNEWIES

Fred W. Binnewies,
Custodian.


RECEIVED
NOV 3 1947

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL MONUMENT
Canyon de Chelly National Monument
Chinle, Arizona

October 26, 1947, 19

MEMORANDUM for the Regional Director, Region three.

The following is a report on activities at Canyon de Chelly National Monument during the month of October, 1947.

General

Fall lamb buying is over with the Navajo indians receiving the highest price ever payed. Navajos in the Canyon de Chelly region seem better off economically than normal contrary to publicity released thru Newspapers. The Yei B'chai Ceremonies are starting and there have been three Squaw dances in the Canyons during the last month.

Weather Conditions

Unusual weather has prevailed during the month with unseasonal but welcome rains bringing 2.03 inches of moisture. It has remained much warmer than normal and our first killing frost did not occur until October 23 or almost a month later than usual. We also had several days of high wind which we do not ordinarily get in October. Vegetation has taken on its fall coloring which enhances the natural beauty of the area. The Maximum temperature was 86 degrees and the Minimum 28 degrees.

The unseasonal rains filled the canyon streams bank to bank but no damage of any extent was done to the bank protection work. Travel into the Canyons has been impossible the greater part of the month.

Administration

The Custodian has taken care of all work during the past month without other help. One trip was made to Gallup New Mexico on October 23 to pick up electrical wiring transferred to this area and other supplies.

Maintenance

Due to Rains much work was done on our roads and they were graded from the entrance to White House overlook. Dirt was hauled to fill the holes. One Navajo laborer was hired on October 23, and we are at present repairing the outside plaster and preparing for winter. When time from administrative and interpretive duties permitted, repairs were made to doors, locks, windows, etc. Stoves were cleaned and repaired as well as installed in both quarters.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL MONUMENT

Canyon de Chelly National Monument
Chinle, Arizona

October 31, 1947

10

MEMORANDUM for the Regional Director, Region three.

The following is a report on activities at Canyon de Chelly National Monument during the month of October, 1947.

General

Fall lamb buying is over with the Navajo Indians receiving the highest price ever payed. Navajos in the Canyon de Chelly region seem better off economically than normal economy to publicity refleased them Sovepapers. The Yei b'ehai ceremonies are starting and there have been three Squaw dances in the canyons during the last month.

Weather Conditions

Unusual weather has prevailed during the month with unseasonal hot welcome rains bringing 3.00 inches of moisture. It has remained much warmer than normal and our first killing frost did not occur until October 23 or almost a month later than usual. We also had several days of high wind which we do not ordinarily get in October. Vegetation has taken on its fall coloring which enhances the natural beauty of the area. The highest temperature was 87 degrees and the lowest 33 degrees.

The unseasonal rains filled the canyon streams back to bank but no damage of any extent was done to the bank protection work. Travel into the canyons has been impossible the greater part of the month.

Administration

The Custodian has taken care of all work during the past month without other help. One trip was made to Tuba City Indian Service 27 to pick up electrical wiring transferred to this area and other supplies.

Maintenance

Due to rains much work was done on our roads and they were graded from the entrance to Tsaile over Lukachukai. This was needed to fill the holes. One temporary was hired on October 13, and we are at present repairing the outside plaster and preparing for winter. When time from administrative and interpretive duties permitted, repairs were made to doors, locks, windows, etc. Stoves were cleaned and repaired as well as installed in both quarters.

Visitors

Although our months figure of 145 visitors fell below the 203 registered in 1946, our Fiscal year to date is running well ahead of last year. Bad roads and the closing of Concession facilities have probably adversely affected our travel as well as uncertain weather.

Among the visitors of note this month were Gerard Curtis Delano, Artist who regularly gets in about twice each year and whose paintings of the Indian Country and particularly Canyon de Chelly are well known. Mr. and Mrs. Dan T. Kelly, Hon. Boaz Long? and Mrs. G.W. Bloom from Santa Fe. A group of artists from Santa Fe including Fanny Stockton, Barry Atwater and Wife.

Interpretive Services

Due to the pressure of other duties I was unable to devote as much time to conducted trips but was able to give most of our visitors orientation talks at headquarters or along the road. Only six conducted trips were made into the canyons. A total of 20 hours was spent in guide work and 10.5 hours in contact.

Government Publications on hand

Glimpses of our National Parks.....20
Map Folder no 6.....300
Map Folders, SWNM.....140
Mimeographed Leaflets.....412

Meredith M. Guillet
Custodian

Yours

Thanking you kindly for your favour to hand and
assuring you of my best attention at all times,

I am,

Yours faithfully,

Gerald K. Willet
Secretary

October 25, 1947.

Memorandum for the Regional Director
Region Three, National Park Service,
Santa Fe New Mexico,

There follows a report of the activities in and around Capulin Mountain National Monument for the Month of October 1947.

An estimated three thousand visitors to the Volcano for the Month, bringing total travel year to date to thirty one thousand four hundred sixty,
And total travel Fiscal year to date to twenty two thousand five hundred,

Weather
has been most beautiful growing slightly cooler each day until finally reaching a low of sixteen above, about one half inch precipitation in the form of rain was welcome,

Fall coloring is in full beauty around the foot of the Monument, The oak shows all the color of the rainbow and is predominant on the red and yellow with all the variations,

Roads
in the Monument have been maintained in splendid condition throughout the month, The entrance road from Highway sixty four to the Monument has not been in the best of condition and needs about fifty loads of cinders which the Custodian is attempting to get done. The State Highway Department has been very kind to us in this connection and it is believed they will cooperate.

The Fire hazard is now at its peak the grass is the tallest that I have ever seen and all vegetation is exceedingly dry all caution has been taken possible and so far we have been very very lucky, Not having a fire for about twenty years, I am holding my fingers crossed and knocking myself lightly on the head (wood).

Very Respectfully

Homer J. Farr,
Custodian.

RECEIVED
OCT 28 1947

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Oct. 26, 1947

MEMORANDUM for the Regional Director,
Region Three.

There follows the narrative report for Casa Grande National Monument for October, 1947.

General: Cotton picking has started ans according to early reports the yield should equal or surpass last years record breaking one. The price has been good so the valley should be in for a prosperous winter. To date there has been a lack of cotton pickers and a little trouble over wages, but this should remedy itself when the season ends in Texas.

Weather: According to the records October, 1947, has been one of the hottest on record. With the exception of five days during the report period maximums have been over 90. The maximum registered was 104 with a minimum of 47. Nights have been cool and comfortable sleeping but comp laints are still heard about the days. 1.04 inches of rain was recorded which served to freshen up the plant life on the area. Irrigationhhad been stopped and with out of season heat the mesquite trees had started to wither away.

Administration: Sept. 30, Associate Regional Director Davis, Architect Saunders, and Engineer Hendricks of the Regional Office were in on Sept. 30, to go over various administrative matters. Oct. 3rd. & 7th. representatives of Glosserman Chev. Co. sucessful bidders on three of the pickups put out for bids, were in to pick them up. Oct. 7th. George's Tire Shop was into pickup balance of scrap awarded to them on invitation # 33-10. Oct. 22, Constructors Equipment Co. of New York were in to pickup the Plmouth which they were awarded on bid invitation.

Visitors: October 1947-2084, October 1946-2053, October 1941-1013. This slight increase could be accounted for by the fact that nice weather in the North was causing people to travel the Northern Route and by a shortage of personnel. With only one man on duty 4 days a week we are bound to loose visitors who we are unable to contact during noon hours and when we are at the Ruin.

Interpretive Services: Of the 2084 visitors to the area 1204 made the Ruins trip in 166 trips averaging 47.4 minutes per trip. 1067 made the museum trip in 135 trips averaging 24.4 Minutes. It seems that more people are debating now about spending the $.30 for Guide services as the percentage of visitors to the Ruins as compared to total visitors is dropping. Maybe the high cost of living has something to do with it.

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Maintenance: A general cleanup of the area was made and the sewer line running from the rest rooms to the pumps was cleaned out. Linoleum was put down in kitchen and hall, electric hot water heater and new light fixtures were installed, in quarters # 5. Cement base for propane tanks was poured. Considerable remodeling in the pumphouse was done to install work bench and etc. for maintenanceman.

Trips Taken: Oct. 7, 13, & 20; mechanic Stonehocker made trips to Organ Pipe Cactus National Monument to pickup grader and haul fencing materials. The first trip he returned from on the 9, second the 15, and the third the 21. On the 16 he made a trip to Phoenix for parts for the Organ Pipe grader. Oct. 7, Ranger Schuft made a trip to Phoenix hauling in acetylene and oxygen tanks for testing and filling and to pickup equipment for monument.

Visitors of Note: On Oct. 21, Rev. Charles Parker of Prescott and family were in to look over the area. Rev. Parker wrote "Peace Unto You" which has devotional studies on Grand Canyon & Tumacacori in it.

Library Acquisitions: Geology & Ground Water Resources of the Salt River Valley Area, Maricopa and Pinal Counties by Geologic Survey & Arizona Land Office. Manual of S.W. Desert Trees & Shrubs, a U. Of Arizona Publication. Excavations at Cave Creek: Skeletal Materials a Gila Pueblo publication and Tree Rings and Droughts another of their publications.

Geology & Ground Water, stated that since 1930 the water table had dropped an average of about 30 feet and that higher & higher concentrations of salt was being found in the waters of the Salt River and in the Salt River valley. Several wells had already been cutofff due to the salt injuring the drops. It summarized by saying that a balance between withdrawls and replenishment of supply would have to be reached or ultimate abandonement of the valley would result. All of which makes us wonder just what the future holds. "Is this going to be a dust bowl? Will history repeat itself and cause us to leave the area like it supposedly once did the Indians?"

Articles of Interest: Last issue of Saturday Evening Post had an article on Phoenix and the surrounding valley.

A. T. Bicknell,
Custodian.

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Report lm1

Chaco Canyon NATIONAL MONUMENT

Bloomfield, New Mexico

October 24, 19 47

MEMORANDUM for the Regional Director, Region Three,
National Park Service.

There follows the report of activities in Chaco Canyon National Monument for the month of October, 1947.

Chaco Canyon had a total of 62 visitors this month. All 62 took a trip through the ruins, and formed 18 parties. There were 50 paid admissions, 10 tax only children, and two children less than 12 years of age. 43 persons listened to the museum talk, and formed 12 parties. Total time spent by the Custodian was 28 hours and 55 minutes. The visitors were from the states of:- California - 4 cars, 8 visitors; Colorado - 2 cars, 5 visitors; Illinois - 1 car, 4 visitors; Kansas - 1 car, 2 visitors; New Mexico - 8 cars, 30 visitors; New York - 2 cars, 3 visitors; Tennessee - 1 car, 3 visitors and Texas - 3 cars, 7 visitors.

The last of the warm weather was 89 degrees on the 28th of September, and the coolest so far this fall was 26 degrees Fahrenheit on the 23rd of October. There was rain on three days, the 1st, 12th and 14th of October, which formed a total precipitation of 1.73 inches.

The roads were finally in passable shape, nearly all of them, after the flash-flood rain of last August. Then we had a repeater. On the morning of the 14th of October, about 3:30 a.m., a terrific rain began to fall. It rained about .85 of an inch in a few minutes. Two days before, we had a gentle soaking rain of 81/100 of an inch, so there was not much chance of this rain soaking in. Archaeologist Vivian and the Custodian were up at Chettro Kettle in the early hours to survey and prevent destruction. However, little damage was done to Chettro Kettle. When daylight came, we surveyed the road damage, and found them to be in approximately the same shape as after the rain last August! Since then, the main road through the Monument has been graded and put in shape, and some of the minor roads are back in shape.

In preparation for winter, most of the outside faucets have been shut off, the stoves have been cleaned and put in good working order; flue liner has been bought, installed, and the chimney made a little higher so that the draft would be better. Also, the winter's fuel oil has been bought, delivered and stored away.

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Radio contact with El Morro Monument has been irregular but satisfactory.

The water pump failed us twice this month, and required overhauling. It is just about worn out. The new one ordered last April should be at the depot by today. Mentioning pumps, the barrel pump for fuel oil had to be overhauled.

Inspection trips were made to the pueblos of Penasco Blanco, Kin Klizhin, and Tsin Kletzin. No recent signs of vandalism were found.

Foreman Raymond Rixey brought a 4000 gallon tank back from Grand Canyon.

Rear motor supports were placed in the stake truck, and one half day was spent repairing the pickup truck. Other routine jobs were accomplished such as greasing the trucks, cleaning the weeds in Pueblo Bonito, keeping the camp ground clean and the like.

Chaco had only two National Park Service visitors this month, Charlie Steen on September 30 and October 1; and Ted Sowers, October 7th and 8th.

We were pleasantly surprised the other day when one of our Amerinds lost his State driver's license and applied for another. The man issuing the licenses for the State told the Navajo that he didn't need one to drive a Government truck. "Oh, yes," said the Navajo, "that little book (USDI Motor Vehicle Regulations) says we have to."!! Nuf sed.

Our fire prevention was done just a month ahead of National Fire Prevention Week. All extinguishers were checked, and other fire precautions taken.

The Trader reports that business remains good despite the drop in tourist and University student trade. He has very few overnight visitors now. He has his lambs shipped, and states that the Navajos had better might on them due to the good grass the past season and they got better prices for the lambs than he can ever remember. Rugs are still going as fast as he can get them from the Navajos. An interesting note is that he has a new stock of winter clothing bought, and it is cheaper and of better quality than last year. He states that it is getting the time of year when he will soon have to purchase coal from the Navajos.

Projects for the ensuing months:- put in the culverts and repair the wash near the bridge, install new water pump upon arrival, get cattle guard welded, get planting started and get water gaps closed and hope for no rain for a while.

At the end of the month, there were on hand:-

Free two-fold leaflets on Chaco Canyon, approximately.....5,400
National Park Location Map, number 6, " 325

There follows the report of Archaeologist Gordon Vivian.

Irving McNeil, Jr.
Custodian

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Chaco Canyon NATIONAL MONUMENT

Bloomfield, New Mexico

October 23, 1947 19

MEMORANDUM for the Custodian,
Chaco Canyon National Monument.

There follows the report of Mobile Unit activities in your area during the month of October 1947.

In general very good progress has been made in the clean-up work at Chettro Kettle. The number of men employed has been increased and throughout the month we have had an average crew of 15, a maximum of 19. Threatening the repair work just now is the cement shortage. The dealer who took the last bid was unable to supply us and we have not been able to find cement on the open market in Gallup, Aztec or Farmington.

Foreman Rixey made one trip to the Grand Canyon during the early part of the month and hauled back the first two tons of the 4000 gallon water tank.

The extremely heavy downpour at 3:30 A.M. October 14th did no further flood damage to Chetro Ketl though it did show forcefully the need to straighten and deepen considerably the shallow and silt clogged arroyo just east of the site. Following this last rain further work was done toward removing all of the dense brush from its course.

During the latter part of the month some time has been available for completing stabilization records. About a third of the records for Pueblo Alto are done and records are complete for an additional eight Chettro Kettle rooms. Foreman Rixey has completed the photographing of numerous objects recovered at Chettro Kettle, cleaned and preserved another two pieces of plank, and on his own time restored one bowl.

Removal of flood debris and fallen wall is complete on the eastern half of Chettro Kettle. All walls and fragments have been exposed down to the level of the original excavation. Some of this debris, as noted in last month's report, is six feet deep, full of great slabs of concrete capping, large vigas, small poles

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Chaco Canyon ... NATIONAL MONUMENT

... Bloomfield, New Mexico

... October 31, 1947

... 19 ...

...location for the Custodian.
Chaco Canyon National Monument.

There follows the report of Mobile Unit activities in your area during the month of October 1947.

In general very good progress has been made in the clean-up work at Chetro Ketile. The amount of sand encountered has increased and throughout the month we have had to remove over of 18, a maximum of 18. Operating the rotary vent fan in the cement shortage. The dealer who took the last bid was unable to supply us and we have not been able to find another on the market in Gallup, Aztec or Farmington.

Foreman Hixy made one trip to the Upper Canyon during the early part of the month and hauled back the first two tons of the 600 gallon water tank.

The extremely heavy downpour at 7:00 A.M. October 14th did no further flood damage to Chetro Ketil though it did practically the need to straighten and deepen considerably the ability and fill dumped across just east of the site. Following this last rain further work was done instead removing all of the damage brush from its course.

During the latter part of the month some time was been available for emergency rehabilitation projects. Most a time of the reports for visits site are done and projects are complete for an additional eight Chetro Ketile ruins. Foreman Hixy has completed the photographing of numerous objects recovered at Chetro Ketile, placed and preserved another two pieces of plaster, and on his own time restored six bowl.

Removal of flood debris and fallen wall is complete on the western half of Chetro Ketile. All walls and fragments have been grouped down to the level of the original excavation. Some of this debris, as noted in last month's report, is six feet deep, full of great piles of concrete capping, large vigas, small walls

a nd a surprising number of steel railroad ties left in backfill and earlier repair by the University of New Mexico.

Cleanup of the west side is complete but for two rooms. Also to be done on the west side is removal of the upper half of two stories of original fill, nothing but fallen wall, that is being held back by weakened walls in two of the northern rooms.

Casing was set and a door built for the room with painted plaster.

In the eastern section a large hole in the north wall, room 43, was repaired, concrete base courses were set or are in progress in rooms 39, 40, 41 and 42. This is the work now being held back for lack of cement.

On the west end of the damaged section extensive work has been done in 61. An overhanging wall supported by masonry enclosed jacks, one large break filled, one partially filled and the east wall raised a story and a half to buttress the leaning south wall. One story of loose sandy fill was removed from 62 to stop further pressure on this south wall of 61.

The west wall of 59 has been raised one story,and one half to three fourths story retaining and supporting walls raised in 55, north, south and west, 58 north and south. The dangerous west wall of 38 was partially removed.

The only further cracking and settling observed has been in the north east sector of the superimposed kivas G/H.

Gordon Vivian
Archeologist

and earlier repair by the Secretary of New Mexico.

Closing of the west side is complete but for two rooms. Also to be done on the west side is removal of the upper half of two stories of original fill, nothing but fallen wall, that is being held back by veneered walls in two of the northern rooms.

Ceiling was not put a floor built for the room with painted plaster.

In the western section a large hole in the north wall, room 42, was repaired, concrete base course made out of ore is pictured in rooms 39, 40, 41 and 42. This is the work for being held back for lack of cement.

On the west end of the damaged partial retaining wall has been done in 41. An overhanging wall supported by masonry section just a story and a half to buttress the leaning south wall. One story of loose rubble fill was removed from 41 to this further pressure on this south wall of 41.

The west wall of 39 has been reduced one story, and one half in 38, north, south and west. By north and south. The remaining west wall of 38 was partially removed.

The only further excavating and shoring consumed the time in the north east section of the above-mentioned kiva.

Gordon Vivian
Archeologist

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CHIRICAHUA NATIONAL MONUMENT

Dos Cabezos, Arizona

October 22, 1947

MEMORANDUM for the Regional Director, Region Three.

Following is a report of activities at Chiricahua National Monument for October.

General. Report is being submitted two days early as the custodian hopes to get started on annual leave within the next day or two for a two or three weeks trip to Illinois.

Weather Conditions. Weather has been generally fair, with only two light showers.

Approaches to Monument Area. Approach roads are all in fairly good shape, considering that they are all dirt roads.

Interpretive Service. 860 visitors were contacted in the museum in 185 parties. Interpretive work has been curtailed some due to the custodian being alone with the interpretive and administrative work.

Travel. 731 visitors came to Chiricahua this month. While this is a big drop from the summer months it is 55 ahead of October of last year, so we are starting the travel year with a slight increase over last travel year.

Visitors. Assistant Superintendent Garrison of Grand Canyon paid the monument a brief visit on October 5 in connection with a trip he was making through Southern Arizona.

Ranger Service. Chiricahua has no ranger since Ranger Daly was promoted to custodian of Pinto and Seasonal Ranger Hoffacker returned to school. Operator Marble and the custodian are getting along O.K. with the more important current work, but we will be able to keep a ranger busy when the position is filled.

Forest Fire Protection. On October 2, Operator General Marble discovered and put out a lightning fire in connection with working the monument highway.

Insects and Tree Diseases. Numbers of our Douglas-firs are being killed, possibly by flat-head borers. Specimens of the bark and borer have

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.....NATIONAL MONUMENT

been sent to the Bureau of Entomology and Plant Quarantine for identification and advice.

Publications on Hand.

2 fold leaflets, English	1930
2 fold leaflets, Spanish	1800
Mimeograph ed sheets	400
Location Map No. 5	15
Location Map No. 5	45
National Park Briefs	145
Glimpses of our National Parks	34

Clair V. Cooke

Clair V. Cooke,
Custodian.

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El Morro NATIONAL MONUMENT

Ramah, New Mexico

October 25, 19 47

MEMORANDUM for the Regional Director, Region Three.

There follows the report of activities in El Morro National Monument for the month of October, 1947.

WEATHER: Maximum temperature reached 81 degrees on October 1st. and the minimum went down to 21 degrees on October 21st. Except for three consecutive days of rain, measuring 1.79 inches, we have had perfect fall weather.

TRAVEL: A decrease of 37 percent below October 1946 is noted and can be attributed to our very poor road conditions. They still have not recovered from the record rainfall of this summer. A total of 88 people visited the area in 31 cars from eight different states. The tour of the Inscriptions was made by all visitors in 28 trips and the total guide time was 28 hours and 20 minutes.

APPROACH ROADS: Both approach roads were graded this month i.e., from Gallup to Ramah and from Grants to within six miles of the Monument. Meeting the grader on the Gallup road I asked if he was going on to El Morro. The reply received was, "No eet ees too rough down there for the graver". Que lastima!

RADIO CONTACT: Communication with Chaco Canyon has been a little irregular due to the complete failure of the old battery charger. A new charger has been installed and works perfectly.

Public Health: The report on our water supply shows the Sandstone Pool contaminated but safe below the doping tanks.

SPECIAL ACTIVITIES: On October 23rd. the Harry Sherman Pictures, Inc. sent a crew of Navajos from Gallup, at my request, to finish the job of grass seeding. They spent two days in the area. The seed planted last spring has made a fine showing and by next summer we should have a good stand of grass where it is badly needed.

GENERAL: Outside of guiding a few visitor most of the month has been spent in getting ready for the cold weather. Three loads of wood were hauled. The furnace and all stoves and flues were cleaned. One more load of gravel was hauled for the floor in the generator house. The walls in the kitchen of the Ranger Cabin were given a fresh coat of paint and the linoleum around sink and work table was replaced. Edie and daughter Julie have moved to Gallup. We dont trust the weather and certainly not the roads.

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Number of copies of free publications on hand as of theend of October, 1947.

2-fold Spanish edition---------3745

2-fold English edition--------- 847

16-page Booklet----------------7823

Bates E. Wilson

Bates E. Wilson,
Custodian.

Number of copies of Type publications on hand as of the end of October, 1942.

8-fold Persian edition----------3743

8-fold Italian edition---------- 647

16-page Booklet----------4233

Enc.
Extra K. Flynn,
Secretary.

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GRAN QUIVIRA NATIONAL MONUMENT
GRAN QUIVIRA, NEW MEXICO

October 28, 1947.

MEMORANDUM for the Regional Director, Region Three.

The following is a report of activities at Gran Quivira National Monument for the Month of October 1947.

General. After a 7 year absence from Southwestern National Monuments the writer returned to the organization as Custodian of Gran Quivira on Oct. 5, relieving Custodian Bright who transferred to Tuzigoot National Monument. Ranger Dean Dazey of Grand Canyon National Park accomplished the two-way transfer of household goods by government truck. Arriving as we did during the October homecoming of the local rattlesnakes we have tread lightly this Month. I would be the last to contest the snakes' rights to certain hillside caves of long use; however, the use of the back step and tool shed as a rest stop enroute is to be definitely discouraged.

Weather. Weather for the month has been clear and dry. Several days of high winds started dust storms around the farming areas. 0.13 inches of rain fell on October 14. Heavier storms were reported in surrounding areas. A high of 84 degrees was recorded on October 4; a low of 28 degrees on Oct. 23.

Roads. After two years at Grand Canyon National Monument, the writer has no criticism to make on local road conditions. Perhaps they are better than average now, but Highway 10 to Mountainair is a good country road in my opinion. Considerable activity is reported in progress by the State Highway Department on the letting of bids for construction of 8 miles of new road-bed south from Mountainair. Grading and laying of the base is presumably to be accomplished this Fall. A 22 foot blacktop is the reported goal. Local residents are quite happy over this and enthusiastic over the possibility of future extension to Gran Quivira. This in turn brings up the problem of relocating 8 miles of the Forest Service telephone line serving this community. A separate report on this matter was submitted dated October 25.

Travel. Visitors for October as indicated below show a slight decrease over the same month last year.

October, 1947	Cars	38	Passengers	113
October, 1946	Cars	43	Passengers	151
Difference		-5		-38
Percent		12% Decrease		25% Decrease

Decreases above are also applicable to the Travel Year.

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Guide and Contact Service. A total of 109 visitors were conducted through the Mission in 36 guided tours for an average time of 40 minutes per party. Total contact time, 23 hours, 45 minutes.

Maintenance and Administration. The first 3 weeks here have been devoted largely to maintenance. A 200 foot temporary extension was put on the kitchen sink drain. When time and materials are available this drain will be stubbed back into the main sewer line outside the house as there a pears to be no chance to reopen the original plumbing under the house. A new drainboard was put in and a grease trap installed on the kitchen sink. Some painting and other "moving in" maintenance was accomplished. The heating stove was set up and kerosene procured. Storm sashes were fitted to the kitchen and living room windows. One load of fireplace wood was hauled and work started on removing weeds from the Mission.

Publications Report. 500 Gran Quivira two-fold leaflets are on hand. No other free or for sale publications are on hand at this Monument.

s/ Wm. L. Lowen
William L. Lowen,
Custodian.

C O P Y

UNITED STATES

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NATIONAL PARK SERVICE
GREAT SAND DUNES NATIONAL MONUMENT
MOSCA, COLORADO

October 26, 1947

MEMORANDUM for the Regional Director,
Region Three.

There follows the report of activities in Great Sand Dunes National Monument for October, 1947.

WEATHER. It has turned decidedly colder and with a strong hint that winter will soon arrive in the San Luis Valley. The aspen have lost their leaves and snow covers the tops of the Sangre de Cristo range.

Rain fell on September 26, 27, 29 and 30; October 7, 11, 14 and 21. On October 12, the mountains were covered with snow from 10,000 feet upwards, and on the 21, it covered from 9,000 feet to the top. A snow flurry on October 25 at headquarters, melted as fast as it fell.

The so-called furnace in the residence has been in operation the entire report period.

At present, the Medano is no longer visible from the headquarter or picnic areas.

TRAVEL. Nine hundred fifty-one visitors in two hundred sixty-seven cars, visited the Sand Dunes during this report period. Twenty-one states were represented.

Three hundred thirty-nine people used the camp and picnic areas, and of these twelve camped over night.

INCREASE IN TRAVEL. For October, 1946, the record shows 110 cars and 409 visitors.

ROADS. The approach road was bladed by the State Highway on September 26. Todate it is again rough and corrugated. The monument road is in fair condition.

COMPLAINTS. With a decrease in visitation, there has been accordingly a decrease in complaints about roads, picnic areas and comfort stations. It is a pleasure to report that no cars became stuck in the sand.

WATER RIGHTS. Further correspondence was carried on with Linger Bros., in an effort to correct the problem of water rights on Mosca and Morris Gulch Springs.

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NATIONAL PARK SERVICE
[illegible]
[illegible]

October 25, 1947

[illegible] for the Regional Director,
Region Three.

There follows the report of activities in Great Sand Dunes National Monument for October, 1947.

Weather. It has turned decidedly colder and with a strong hint that winter will soon arrive in the San Luis Valley. The aspen have lost their leaves and snow covers the tops of the Sangre de Cristo Range.

Rain fell on September 28, 29, 30 and 31; October 7, 11, 14 and 21. On October 12, the mountains were covered with snow from 12,000 feet upward, and on the 21, it covered from 9,000 feet to the top. A snow flurry on October 22 as headquarters, melted as fast as it fell.

The so-called furnace in the residence has been in operation the entire report period.

At present, the Dunes is no longer visible from the headquarters or picnic areas.

Visitors. Nine hundred fifty-one visitors in two hundred sixty-seven cars, visited the Sand Dunes during this report period. Twenty-one states were represented.

Three hundred thirty-nine people used the camp and picnic areas, and of these twelve camped over night.

Travel Register. For October, 1947, the record shows 310 cars and 951 visitors.

Roads. The approach road was bladed by the State Highway on September 26. Todate it is again rough and corrugated. The monument road is in fair condition.

Concessions. With a decrease in visitation, there has been accordingly a decrease in complaints about rooms, picnic areas and comfort stations. It is a pleasure to report that no more become stale in the mail.

Water Rights. Further correspondence was carried on with Ginger Dyer, in an effort to correct the problem of water rights on Sand Dunes Creek below Medano Springs.

The Alamosa Daily Courier on September 29, carried an article on the sale of the two ranches of Linger Bros., (Medano and Zapata ranches) to Malcolm G. Stewart of Dalhart, Texas for a reputed $900,000.00.

ACTIVITIES. Work still goes on in filling in the water line trench; 295 feet were filled during this report period. This brings the total amount filled to 480 feet with only 1020 more feet to go. The $64 question is: If winter comes, will the water line be covered?

Considerable time has been spent in chopping the winter's wood supply and hauling it to residence and adjacent area.

Camp and picnic areas were cleaned and with decrease in visitation, this job is not as back-breaking as in the summer.

Repaired light on back porch and installed new light switch in the garage. Installed a small water trough on front porch to carry off rain water and keep moisture off walks and wooden posts. Cleaned the stove and pipe on kitchen range in residence. Painted the top wooden board at roof edge on the front porch.

The repaired Dodge pickup was obtained from the Heide Garage and the dump truck was left for necessary repairs.

Two trips were made to Alamosa for gasoline, oil and supplies.

SPECIAL ACTIVITIES. From October 6 to 14, a trip was made to Bandelier, Chaco Canyon and Walnut Canyon National Monuments; Grand Canyon National Park and Region Three Office. Various supplies were hauled and distributed and the 950 gallon tank was obtained at Grand Canyon. The Bandelier stake truck was loaned for the trip. The tank was welded and all unnecessary openings were plugged at the Heide Garage. The tank was unloaded on hill in back of residence and when it is hooked up and filled with fuel oil, let it snow, let it snow, etc.

The stake truck will be returned to Bandelier before November 1, and the return trip made in the Dodge pickup which was left there.

PUBLICATIONS. There are on hand 38 old mimeographed informational leaflets and 1720 new leaflets were received from the Naturalist's Office, which brings the total leaflets to 1758.

Ted C. Sowers,
Custodian.

The Clarion Daily Courier on September 20, carried an article on the sale of the two trucks of Linger Bros., Linden and Depew counties) to Malcolm B. Stewart of Oakhart, Iowa for a reputed $600,000.00.

WATERLINE. Work still goes on in filling in the water line trench; 320 feet were filled during this report period. This brings the total amount filled to 982 feet with only 1500 more feet to go. The 6th question is: If winter comes, will the water line be covered?

Considerable time has been spent in changing the water's road supply and hauling it to residence and adjacent area.

Camp and picnic areas were cleaned and with decrease in visitation, this job is not as back-breaking as in the summer.

Electrical light on back porch was installed new light switch in the garage. Installed a small water trough on front porch to carry off rain water and help moisture off poles and wooden posts. Cleaned the pipes and pipe on kitchen range in residence. Painted the tar wooden board at roof edge on the front porch.

The repaired Dodge pickup was obtained from the Indie Garage and the dump truck was left for necessary repairs.

Two trips were made to Alamosa for gasoline, oil and supplies.

TRAVEL OUTSIDE. From October 8 to 14, a trip was made to Bentwater, Ojaco Canyon and Saint Canyon National Monument; timed Canyon National Park and Pagosa Springs Office. Various supplies were hauled and distributed and the 500 gallon tank was obtained at Pagosa Canyon. The Bentwater dump truck was loaned for the trip. The tank was welded and all necessary openings were plugged at the Indie Garage. The tank was replaced on skid in lieu of replacing and when it is hooked up and filled with fuel oil, let it snow, let it snow, etc.

The dump truck will be returned to Bentwater before November 1, and the return trip made in the Dodge pickup which was left there.

CONTRACTS. There are on hand 38 old misassigned International Harvests and 1750 Gas Jeeps were received from the Bentwater's Office, which brings the total jeeps to 1788.

Ted O. Bowers,
Manager.

-2-

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Montezuma Castle National Monument
Camp Verde, Arizona

October 24, 1947

MEMORANDUM for the Regional Director, Region Three.

There follows the monthly report of activities at Montezuma Castle and Montezuma Well for the month of October, 1947.

Visitors this month - Montezuma Castle - 1524; travel year - 1524.
Montezuma Well - 451; travel year - 451.

Travel continues to climb with visitors to Montezuma Castle showing an increase of 1.6 per cent over October, 1946 and 94 per cent over 1941.

Administration Since the termination of seasonal ranger Frost on Sept. 27 we have not been able to keep up with all visitor contacts, office work, and maintenance. Except on Sundays we do not offer guided trips 12:00 - 1:00 and after 4:30 p. m. Otherwise we try to be on hand to climb the ladders into the Castle every hour throughout the day.

A shipment of photo packets was received from Frashers. We checked several packets and found that at least a third of them are short one of their ten pictures. The pictures are being returned to the distributing company for rechecking.

Ranger Leding was on sick leave October 17, 18, and part of the 19th, and on annual leave October 22.

Publicity On Sunday, October 5, Commander A. W. Scott, nationally known travel narrator, devoted a fifteen minute program to Yavapai County, especially the Verde Valley and its national monuments. Greyhound Bus Lines sponsor Mr. Scott. In his program he described Tuzigoot and Montezuma Castle and made Montezuma Well the subject of his "Unreal Reality" feature.

Maintenance & Equipment The worn-out Grunow refrigerator from Residence 1 has been surveyed and is to be offered for sale to the highest bidder.

Weather Most of the month has had clear cool days very agreeable for travel. The Maximum temperature was 97° and minimum, 31°. There has been a total of .41 inch of rain.

Use of Monument Facilities by the Public The Castle and the Well had a total of 1975 visitors actually counted and several more are known to have visited the Well. There was a total of 669 cars for both areas.

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Tickets sold at the Castle 524; Complimentary Admission tickets used, 26; children who climbed free, 37.

Contact Time Total contact hours, 178.50; Hastings, 84.50; Leding, 76.50; Schroeder, 9.00; Frost, 8.50. Five hundred eighty seven visitors were guided through the ruins in 137 trips. Seven hundred forty one were contacted in museum in 164 groups. Those receiving other interpretive or informational service numbered 427.

Southwest Monuments Association A total of $ 96.93 was received from book sales for this month. There was a shortage of $5.75. Total sales were $102.68. The shortage developed in the "serve-ur-self" sales.

National Park Service Visitors Ranger Naturalist Brodrick and family from Petrified Forest on Sept. 27.

Messrs. Davis, Saunders, and Hendricks visited this monument and the Well October 2.

Ranger Dean Dacey, Grand Canyon.

Newsworthy Visitors On September 28 Mrs. Ethel McPherson spent all day making two oil paintings of the Castle.

Accessions A bound volume of "Popular Science Monthly" for 1890 was secured through SWMA. The issue for October, 1890 has an article "Ancient Dwellings of the Rio Verde Valley" by Dr. Edgar A Mearns, Ass't. Surgeon, U. S. A. then associated with old Fort Verde. His very informative article is complete with diagrams and a picture of the Castle.

Montezuma Well The following has been taken from Archaeologist Schroeder's report.

General Daily duty was maintained except for lieu days and as follows: Sept. 27-30, sick leave with injured back; October 6, four hours annual leave to take son to doctor; October 17-18 worked at Castle replacing Leding on sick leave.

Visitors The semi-annual Verde Valley Pioneer's picnic brought 138 visitors in 38 cars.

Administration Continued clean-up and maintenance of the area. Renovated pit toilet at picnic grounds. Straightened short section of fence on north boundary and checked southwest fence for breaks. Installed stove in museum. Completed stapling trail pamphlets.

Equipment The Verde Valley Butane Co. delivered the kitchen gas range Oct. 4 and will complete installation when the propane system is installed. The Wingfield Commercial Co. attached the aspirator to the well pump completing the installation.

Research Cleaned out a small portion of the Indian ditch by the museum to determine its depth for visitor information. It appears to average about 3½ feet in depth at this point.

Tickets sold at the Castle Gate; Complimentary admission tickets used, 24; children who climbed free, 37.

Cashier Time Total customer hours, 172.30; Earnings, $6.80; Waiting, 71.00; Overseer, 1.00; Proof, 8.00. Five hundred eighty-seven visitors were guided through the ruins in 137 trips. Three hundred forty-one were conducted in groups of 1 to 4 people. Those receiving other interpretive or informational service numbered 246.

Business Transacted in Assembly Room A total of $142.75 was received from rent sales for this month. There was a shortage of $2.75. Total sales were $102.00. The shortage developed in the "serve-yourself" sales.

Natural Area Service Training Senior Technician Overton and Faculty from Petrified Forest on Sept. 27.

Weeds. Paris, Saunders, and Danforth visited this account and the Fall October 2.

Danger Open Decay, Dread Canyon.

Temporary Failure On September 29 Mrs. Ethel Peterson spent all day making two oil paintings of the Castle.

Assemblies A bound volume of "Popular Science Monthly" for 1880 was donated Thursday 1900. The Lotus in Interior, 1888 has an article "Ancient Dwellings of the Six Tarsh Tribes" by Dr. Julian A Deerne, Asst. Surgeon, U. S. A. When associated with Old Fort Tarsh. This very informative article is complete with diagrams and a picture of the Castle.

Northern Hall The following has been taken from Archeologist Timmerman's report.

General Daily duty was switched August for five days and on Tuesday, Sept. 27-28, also leave with injured Dusty October 6, four hours annual leave to late era to dusters October 17-18 worked at Fortis replacing Lading on sick leave.

Visitors The semi-annual Verde Valley Pioneers picnic brought 320 visitors in 83 cars.

Administration Overtime clean-up and maintenance of the area. Temporal pit toilet at picnic grounds. Straightened short section of fence on north boundary and checked apartment fence for breaks. Installed alarm in museum. Completed checking trail pamphlets.

Equipment The Verde Valley Bakers Co. delivered the bikers gas range Cat. 4 and will complete installation when the propane system is inspected. The Flightail Commercial Co. attached the aspirator to the well pump completing the installation.

Research Cleaned out a small portion of the Indian ditch by hand mission to determine the depth for vigator Information. It appears to average about 5½ feet in depth at this point.

Donations Mrs. Mildred Fain of Prescott, formerly an heir to this property, returned one skull and four mandibles which she had removed from the museum several years ago to prevent their loss.

Newsworthy Visitors Forest Ranger Pritchard came over to check on the status of the fence now in the process of purchase.

Ray Manley, wellknown photographer for Arizona Highways, took pictures in the area to illustrate an article by Mr. Nat W. McKelvey to appear in "Ford Times" in the near future.

Homer F. Hastings

Homer F. Hastings,
Custodian.

Yours truly,

Henry P. Hastings,
Librarian.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Arches NATIONAL MONUMENT

Moab, Uta h

October 28, 1947

MEMORANDUM for the Regional Director, Region Three:

The following is a narrative report for Natural Bridges National Monument for the month of October, 1947:

GENERAL: The monument was officially closed by Ranger Redd on October 15th. Due to stormy weather is was impossible to remove the equipment at that time but this will done on October 29th and 30th.

A radio announcement heard over station KSL of Salt Lake City today stated that the ferry at Hite Crossing on the Colorado River had sunk during high water and it was now impossible to travel this road.

TRAVEL: There has been no official check on the travel since October 15th but it is estimated that 17 cars and 50 people visited the area during the month.

INTERPRETIVE SERVICES: As of October 15th there had been 10 cars and 32 people visit the area. Of these three parties containing 11 people were accompanied on trips to the bridges. Seven parties of 26 people were contacted at headquarters.

WEATHER: Heavy storms struck the area on October 10th, for a period of three days, and again on October 21st. The balance of the month was ideal fall weather, clear and cool.

PUBLICITY: Representatives of the Viking Pictures Corporation of Chicago, Illinois visited the area during the month and spent three days filming the features for incorporation in a two reel publicity picture, in color, for the Utah State Department of Publicity and Industrial Development.

ROADS AND TRAILS: At the time of closing the area the roads and trails were in good shape but the recent storms probably had an adverse effect on them.

Russell L. Mahan

(in trip.)

Russell L. Mahan
Acting Custodian

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

ARCHES NATIONAL MONUMENT

Moab, Utah

October 31, 1941

(In reply)

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
NAVAJO NATIONAL MONUMENT
TONALEA, ARIZONA

Oct. 24, 1947

MEMORANDUM for the Director, Region Three

There follows a narrative report of activities in this area for the month of October, 1947.

WEATHER: Has been something to write about--Maximum temperature was 81 degrees on the 5th, minimum temperature was 25 degrees on the 22nd. Of special interest is the precipitation collected on the 11th, 12th and 13th which totalled 3.25 inches. Much more than our undrained roads can withstand.

VISITORS: Twelve visitors came to this area in 6 cars and accounted for 17 camper nites. One horseback party under the guidance of Rev. Shine Smith spent four days in the canyons. No visitor has been able to reach this area since Oct. 11th. Travel on the "main road" is greatly reduced also.

ROADS: (A very flattering term for the mud troughs between trading posts and points of interest)
Detours, by-passes and new ruts.
The detours and by-passes plowed by the USIS in August are now impassable and each day brings new ruts where-ever you chose to make them.
In a 4 wheel drive dump truck the Custodian and HCWP were bogged down twice in Klethla Valley and spent the nite in a warm sleeping bag. When one can't make it with 4 wheels driving it's tough. USIS trucks were mired, even the huge road patrol bladers were stuck and abandoned.

WORK PROJECTS: Road repair (emergency) and pick-up maintenance required most of our time.
The wiring connections and exhaust lines completed the installation of our #2 Kohler plant.
A hauling trip was made from Walnut Canyon National Monument. The load included all of the fine fire fighting tools assembled for Navajo. Three long timbers to be used in the construction of a grease ramp and repair platform. Eight half round pine logs to be placed as benches at strategic points on Sandal Trail and at Betatakin Point. One hundred feet of 1¼ pipe conduit to get our power lines placed underground.

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[illegible]

[illegible], ARIZONA

Dec. 15, 1947

MEMORANDUM for the Director, Region Three

There follows a partial report of activities in this area for the month of October, 1947.

CLIMATE: Has been something to write about--Maximum temperature was 83 degrees on the 7th, minimum temperature was 23 degrees on the 22nd. Of special interest is the precipitation gotten-ed on the 11th, 14th and 15th which typified 2.25 inches. Most more that our normal rain can withstand.

VISITORS: Twelve visitors came to this area in 3 cars and entered for 17 overnight visits. One birthday party under the guidance of Mrs. Ellis Smith spent four days in the wilderness. It visitor has been able to reach this area since 1941. Travel on the "main road" is greatly reduced also.

ROADS: (A very flattering term for the cut ruts in between floating grass and points of interest)

Between, by-passes and new work.

The culvert and by-passes placed by the CCC is largely are now impassable and each day brings new ruts where-ever you drive in here.

In a 4 wheel drive duty truck the Controller and CCP were helped twice to Cactus Valley and each time the ride is a more sleepless leg. One can't make it with 4 wheels fighting it's tough. CCC trucks were stirred, even the Dare real pitrol Sisters were fleet and sleekened.

MAJOR PROJECTS: Tank repair (emergency) and placing reinforcements required most of our time.

The virtue composition and cabaret time required the installation of our 32 Delco plant.

A heating-fuel new tank from Saint Johns Natural Gasoline. The last included all of the Coca Cola Lighting Tools assembled for Xmas. Those time tickets to be used in the construction of a private toy and repair platform. Much talk about plan lots to be placed as possible especially points to Rental Trail and to Antelope Point. The heating test of 32 Delco evaporator by-pass over three Diesel motorcycles.

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NATIONAL PARK SERVICE

NAVAJO NATIONAL MONUMENT

TONALEA, ARIZONA

On the 20th Ranger and Ruth Aubochon returned our pickup to Navajo and returned to Walnut Canyon National Monument with the dump truck full of coal from the Cow Springs coal mine.
Inability to get all of the plumbing parts is holding up the installation of the 950 gallon gasoline tank.
Some recent accessions have been--11 pieces of prehistoric pottery from the Palmer Collection via Mesa Verde National Park.
The many fine fire-fighting hand tools.

DONATIONS TO OUR LIBRARY: Birds of the Navajo Country-A.M. Woodbury
Dineh Bizad-Mitchell
Autobiography of a Navajo-Dyk.

J.W. Brewer, jr.,
Custodian

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Organ Pipe Cactus NATIONAL MONUMENT

Box 38, Ajo, Arizona,

October 25, 1947

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities for Organ Pipe Cactus National Monument for the month of October, 1947.

WEATHER

Precipitation recorded at headquarters totalled .08 of an inch for the month, this falling on the 12th. Maximum temperature was reached on the 4th with 101 degrees and minimum on the 24th of 44 degrees.

TRAVEL

With the approach of the travel season for Southern Arizona our visitors are increasing slowly but the press of other work has held contact to a minimum. Total travel for the month and travel year to date was 6,591.

GENERAL

The Custodian returned from annual leave September 27, and spent September 29 with Assistant Regional Director Davis, Engineer Hendricks and Architect Saunders on administration and road inspections and problems.

All materials were received and construction began October 20 on the Soil and Moisture fence project to complete the International Boundary. A six man crew is making rapid progress with about 1¼ miles complete to date.

Engineer Watson of the Public Roads Administration made the annual road inspection trip to the area on October 16 finding our highway, as usual, under County maintenance in a poor condition with some sections a distinct hazard to traffic.

Our new 9.4 K.V.A. power plant was installed this month and our 3 K.W. plant ceased to operate but as yet have not had time to find out the reason though it is believed that it will need to go to the shop for repair.

Work on the ranger's quarters and quonset hut was carried on as time permitted.

The Custodian along with other duties inherited the Presidency of the Ajo Rotary Club during the month so most of his days off will be accounted for the rest of the year.

Bees continue to be a menace around the headquarters area. Nearly everyone has been stung during the month. Ranger Ringenbach and Laborer Bowden stung once and the Custodian setting the record with four.

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DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL MONUMENT

Box 55, Ajo, Arizona

October 31, 19 47

Memorandum for the Regional Director, Region Three.

There follows a report of activities for Organ Pipe Cactus National Monument for the month of October, 1947.

Weather

Precipitation recorded at headquarters totaled .78 of an inch for the month, this falling on the 13th. Maximum temperature was reached on the 4th with 101 degrees and minimum on the 24th of 44 degrees.

Travel

With the opening of the travel season for northern visitors our visitors are increasing slowly but the press of other work has held contact to a minimum. Total travel for the month and travel year to date was 6,511.

Personnel

Ed Terrell returned from annual leave September 27, and Frank Pepper to with Assistant Regional Director Davis, Region Four and Project Inspector on administration and road inspections and problems.

All materials were received and construction began October 20 on the tail and relative focus project to complete the Headquarters Development. A six inch sewer is needed presently with street lights supplies to date.

Ordinary duties of the public health administration made the annual road inspection trip to the area on October 16 (Thursday) as usual. Under County maintenance is a poor condition with some sections a distinct hazard to traffic.

Our new 8-4 K.V.A. power plant was installed this week and our 3 K.V. plant vacated to operate but as yet have not had time to find out the reason though it is believed that it will need to go to the shop for repair.

Work on the temporary quarters and trailer was carried on as time permitted.

The Custodian along with other duties inverted the Presidency of the Ajo Rotary Club during the month so most of his days off will be accounted for the rest of the year.

Does seemingly to be a menace around the headquarters area. Nearly everyone has been stung during the month. Senior Clerk Leach and Laborer Lemons stung several times while working on the new trailer.

.D.T. and poisons has been tried on them but to no avail.

UBLICATIONS ON HAND

Informational two-fold ~~pamphlets~~ pamphlets, English version - - 12,050
Spanish version - - 3,400

ROJECTS FOR COMING MONTH

Continuation of the fence project and making ready for visitor travel.

William R. Supernaugh,
Custodian

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OCT 29 1947

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Saguaro National Monument
Tucson, Arizona

October 26, 1947.

MEMORANDUM for the Regional Director,
Region Three.

There follows the Monthly Narrative Report of activities at Saguaro National Monument for the month of October, 1947.

WEATHER. Daily temperatures in the eighties and low seventies, with only two warm days; two light showers; cool nights characterized the weather this month.

SPECIAL ACTIVITIES. October 1 Maintenanceman Barney made a trip to Organ Pipe Cactus to return one of their horses that we have used since May. On the 3rd, the Custodian returned the other animal.

MAINTENANCE. The Loop Road was dragged September 29 and October 13; on the last trip our homemade railroad-iron drag broke apart, so it is improbable that we can use it until some arrangment for obtaining welding gas is made. Work on the rehabilitation of the main packing trail to Grass Shack was commenced, but will be slow, since most of this trail will have to be practically rebuilt. Five man-days was spent in installing two horse drinking fountains in the smaller corrals at Madrona Canyon, and laying water lines. Work on our long delayed sign program got under way, and to date seven new signs, using the cut-out type letters similar to Wupatki's, have been completed and set up. Ten more remain to be installed. Four man-days were spent in cleaning up the old "Cactus" R.S. - really a tool house - to provide living quarters for our newest employee. The smallest of our light plants was set up temporarily to furnish current to the building, but a concrete base will be poured to make the installation permanent. Our 500-gallon water trailer was taken to Tucson to be sand-blasted and painted to remove the oil taste from the water, and to prevent its rusting through.

APPROACH ROADS. The Broadway approach remains as rough, or rougher, than last month. It is our considered opinion that we lose between 30 and 40 percent of the prospective visitors who start out to the monument due to the condition of the two miles included in Rincon Village. The Pima County Highway crew graded the remainder of this road, and the Vail approach road as far as Colossal Cave during the month, so at least the verbal complaints have decreased.

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DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Saguaro National Monument
Tucson, Arizona

October 26, 1947.

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WEATHER. Daily temperatures in the eighties and low seventies, with only two warm days; two light showers; cool nights characterized the weather this month.

SPECIAL ACTIVITIES. October 1 Chairmanwoman Barney made a trip to Organ Pipe Cactus to return one of their horses that we have used since May. On the 3rd, the Superintendent returned the other mustang.

MAINTENANCE. The loop Road was dragged September 29 and October 17; on the last trip our homemade railroad-iron drag broke apart, so it is improbable that we can use it until some arrangement for obtaining welding gas is made. Work on the rehabilitation of the main parking trail to Cross Shack was commenced, but will be slow, since most of this trail will have to be practically rebuilt. Five man-days was spent in installing two horse hitching fountains in the smaller corrals at Madrona Canyon, and laying water lines. Work on our long delayed sign program got under way, and to date seven new signs, using the cut-out type letters similar to Superkit's, have been completed and set up. Ten more remain to be installed. Four man-days were spent in cleaning up the old "Cactus" R.S. - really a tool house - to provide living quarters for our newest employee. The emplacement of our light plants was set up temporarily to furnish current to the building, but a concrete base will be poured to make the installation permanent. Our 800-gallon water trailer was taken to Tucson to be sand-blasted and painted to remove the oil taste from the water, and to prevent its rusting through.

VISITOR USE. The Broadway entrance remains as busy, or busier, than last month. It is our considered opinion that we lose between 30 and 40 percent of the prospective visitors who start out to the monument due to the condition of the two miles included in Saguaro Village. The Pima County Highway crew graded the remainder of this road, and the Wall approach road as far as Colossal Cave during the month, so at least the verbal complaints have decreased.

TRAVEL AND INTERPRETIVE SERVICES. For the first month since last February our travel increased instead of decreased. With 869 visitors, coming from 23 states, England, and Argentina, our total almost doubled over that of 441 in August. However, the travel is still 8% below that of October, 1946. Visitors arrived in 256 cars and two busses, one motorcycle, and five horses.

Of the total, 176 persons, in 61 parties, were contacted at the Monument Headquarters. Informational service occupied 930 minutes, for an average of 15.2 minutes per party.

PERSONNEL. Mr. Frank Stansberry entered on duty October 16. His position of Laborer-Leadman includes 5 months yearly as Packer, and it is hoped that he can receive permanent status to avoid the need for constantly replacing Packers, most of whom are inexperienced and require constant supervision and assistance on what is, actually, a very difficult job.

Mr. Lawrence D. Wilde was employed as Laborer, Trails, on October 23, and will work in that capacity until January, when we hope to secure his appointment to the temporary Ranger position. With Mr. Wilde's entrance on duty, we cannot quite match Tonto's record of 50% personnel being pilots, but we can claim 40%. Larry was one of the Custodian's Aviation Cadet students in 1943, and is a veteran of 30 combat missions over Germany as a B-17 pilot. Although his ships were hit several times, no member of his crews ever received a scratch.

Park Ranger Fulton returned from a month's annual leave October 24; while on leave he visited Grand Canyon, Bandelier, and Region Three Office. He and Mrs. Fulton spent the remainder of the time in Albuquerque.

FOREST FIRE PROTECTION. No fires occurred during the month. A very heavy lightning storm on October 2 with little or no rain should have resulted in fires, but an aerial patrol on the morning of the 4th revealed no smokes.

MISCELLANEOUS. The road leading out to the old north gate has been fenced at the south boundary of Section 8, owned by Mr. Tom Igo. This move has been anticipated for some months, but the actual blocking off of the road has resulted in several verbal complaints by visitors. It is somewhat embarrassing to explain that we do not own that section, and can do nothing about the matter. If Section 20, now owned by an individual who is trying to sell, is likewise blocked off, we shall lose the most scenic portion of the Loop Road.

Don W. Egermayer
Custodian.

TRAVEL AND INFORMATIVE SERVICES. For the first month since last February our travel increased instead of decreased. With 889 visitors, coming from 23 states, Mexico, and Argentina, our total almost doubled over that of 1943 in August. However, the travel is still 8% below that of October, 1942. Visitors arrived in 276 cars and two busses, one motorcycle, and five horses.

Of the total, 176 persons, in 61 parties, were contacted at the Monument Headquarters. Informational service occupied 330 minutes, for an average of 15.2 minutes per party.

PERSONNEL. Mr. Frank Stansberry entered on duty October 16. His position of Laborer-Leadman includes 5 months yearly as Packer, and it is hoped that he can receive permanent status to avoid the need for constantly replacing Packers, most of whom are inexperienced and require constant supervision and assistance on what is, actually, a very difficult job.

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Don W. Overmyer
Quartermain.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Sunset Crater NATIONAL MONUMENT

Flagstaff, Arizona

October 29, 1947

MEMORANDUM for the Regional Director, Region Three.

There follows a report of the activities of Sunset Crater National Monument for the month of October, 1947.

Visitors this month: 2010 Travel Year to date: 2010

Travel: Visitation with only a small decrease has held up well for this season of the year. 804 visitors registered for the month. On the basis of actual registration there was an increase of 16.9 % over the same period for last year. Total travel for the month has been determined by adding an additional 60% of non-registrants.

Weather: Rain began sometime during the night of the 11th. By mid-day on the 12th it had changed to snow and continued until evening. The next morning however, all signs of winter's first visit had disappeared save for the white caps on the near by San Francisco Peaks. With this exception the month has brought most pleasant weather with only a few cloudy days.

Roads: The condition of the approach and entrance road is only fair. The stretchs of cordurory have become more numerous and much rougher. Some maintenance work was possible with the moisture that fell about the middle of the month but for the most part it has been much too dry to attempt even light dragging. The Wupatki back road remains open with an occasional visitor attempting the deep cinders.

General: The boundry survey for the monument was completed. During the short absence of Custodian Jones time was divided between Sunset Crater and Wupatki.

With the evident approach of winter, this no doubt will be the last report written from the tent quarters here at Sunset. It is anticipated that within another two or three weeks the Uptons will move back down to Wupatki and take up residence again at the Heiser house. It isn't often you know that one in the Park Service has both a summer and a winter home.

Interpretive Services: Although the visiotrs are more scattered, it has been possible to contact a fair proportion of them. The completion of the mounting of 2x2 color transparancies is now possible with the rush season over. Bird and mammal check lists and the fact file came for their share of attention. These are being put in final order for the close of

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NATIONAL PARK SERVICE

the season.

Visitors: On the 1st A. W. Whiting, Botanist, formerly affiliated with the Museum of Northern Arizona, spent the day at Sunset assisting in the identification of the flowering plants that were photographed during the summer. We were most appreciative of his interest and the time he gave so willingly.

According to the register Landscape Architect Carl Alleman was a passing visitor on the 28th of the month.

Congratulations: Our sincere congratulations to the proud parents of a beautiful baby girl which recently arrived at Wupatki. Jane is one mighty sweet baby. Can't blame Davy and Corky for being so proud.

Publications on Hand: Sunset Crater National Monument 2-fold leaflets on hand - 250 Copies.

Robert F. Upton
Ranger in Charge

the season.

Visitors: On the 1st R. Rolling, Ontario, formerly affiliated with the Museum of Northern Arizona, spent the day at Sunset watching in the identification of the flowering plants that were collected during the summer. We were appreciative of his interest and the time he gave so willingly.

According to the regular Wednesday practice Carl Gilmore was a passing visitor on the 27th of the month.

Congratulations: Our sincere congratulations to the proud parents of a beautiful baby girl which recently arrived at Laporte. Here is one mighty sweet lady. Don't blame Mary and Corry for being so proud.

Publications on Hand: Museum Bulletin Botanical Series Fifth Impression on hand - - -

Tonto National Monument
Roosevelt, Arizona

October 25, 1947

MEMORANDUM for the Regional Director, Region Three.

Following is a report of activities at Tonto National Monument for the month of October, 1947.

Weather. The hot weather was broken by good rains on October 11 and 12, and it has been bright, comfortable and pleasant since then. Tonto is now at its golden best. The lake is filling very slowly.

Inspections. Assistant Regional Director Davis, Architect Saunders, and Engineer Hendricks visited Tonto on October 1, and discussed fiscal affairs, trails, and other problems. Mr. Davis discussed the question of moving the Monument fence with Mr. Lyall, whose ranch adjoins Tonto on the east boundary.

Investigation of Monument Boundary. At the suggestion of Mr. Davis, I made a map of the fences which form a trap along the ridge east of Cholla Canyon. This took considerable time to inspect fence locations on and over the ridge. It would take an aerial photograph to convey the actual relationships of the fence to the ridge, as it is a rough area.

Approaches to Monument. The Apache Trail has been variously good and bad as occasional hard rains cut it up. The road is usually not too bad, though corrugated in places.

Interpretive Service. This month Archeologist Malcolm Bull was on a special assignment at Tumacacori from Sept. 26 to Oct. 11, then left on annual leave after work October 14, for about a three weeks trip. Thus much of the custodian's time was spent with the month's 520 visitors, 272 of whom visited the ruins in 30 parties, and480 of whom were contacted in the museum in 150 groups.

Travel. Cooler weather the last of the month has increased the number of groups climbing to the ruins, but the winter type of travel beginning now is characterized by fewer persons per car. A slight decrease in travel occurred in lieu of the expected increase.

Newsworthy Visitors. Naturalist Harold Broderick and family of Petrified Forest were in for a short time. We had not seen them since leaving Carlsbad several years ago. Claude Brooks of the Douglas C. of C. dropped in to Tonto this month.

General. Two official trips were made to Globe to get gasoline, propane, sheetrock for room in custodian's house, and other supplies. 550 gallons of stove fuel were delivered to the Monument. The stoves have been cleaned up and installed for the winter. I can't seem to get much done when the ranger is not here. Still doing some painting on ceiling of the custodian's residence.

Charles C. Sharp
Custodian

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
TUMACACORI NATIONAL MONUMENT
Tumacacori BOX 2225, TUCSON, ARIZONA

Tumacacori, Arizona

October 25 47

MEMORANDUM for the Regional Director,
Region Three.

Follows the monthly narrative report for Tumacacori National Monument for the month of October, 1947:

WEATHER CONDITIONS: The drowth here continues with unabated severity. Precipitation for the month was .04, far below normal. High temperature for the month was 100 on September 25. Minimum was 37 on October 23 and 24.

MAINTENANCE: Routine maintenance, including much more irrigating than is usually necessary, was kept current. Woodwork in the kitchen of the ranger residence was re-painted and repairs made to the front door. The annual burning out of a large borrow pit which serves as our trash pit, was effected. There was considerable cleanup of grounds and trails.

INTERPRETIVE SERVICE: 673 visitors went on 136 guided trips through the mission and grounds, receiving an average of 37.86 minutes per trip. 1190 visitors received combined Information and Interpretation service in the museum lobby, patio garden, and view room. 1166 visitors saw the museum.

INCREASE OR DECREASE IN TRAVEL: Our visitor total of 1259 persons this month has been exceeded by only one October, that of 1503 for 1946. This makes the second consecutive month in which travel has dropped below that for the same period last year, and may be the beginning of a trend. We are surprised by these figures.

VISITORS: October 3 - Allan Phillips, well known ornithologist.
October 6 - Custodian and Mrs. C. Sharpe, of Tonto National Monument. They spent a day getting acquainted with Tumacacori and the border area, and their visit was much enjoyed.
October 7 - Assistant Superintendent Lon Garrison, of Grand Canyon National Park.

INSPECTIONS: September 27 - Assistant Regional Director Davis, Architect Kenneth M. Saunders, and Engineer Sam Hendricks. Monument matters were gone into thoroughly.

PERSONNEL: Ranger Brewer was on annual leave for the period September 26 - October 14, inclusive. Archaeologist Malcolm T. Bull, of Tonto National Monument, was on assignment here during Ranger Brewer's absence. We greatly enjoyed the process of getting acquainted with Malcolm and his wife, Margaret. It might be of interest to a statistician that during the period of this assignment the staff at Tumacacori National Monument averaged over 6'4" tall!

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RED CROSS FIRST AID WORK By expenditure of much after-hours talking and running about in the valley we have succeeded in organizing a Red Cross First Aid class. A class of a dozen meets each Wednesday evening in the museum lobby for instfuction in the Standard Course in First Aid, with an instructor who comes out from Nogales to teach. When we are finished with the course each adult person living on the monument will have a certificate, and we will have a First Aid station installed here. This station should be of real value, as the Tucson-Nogales highway is a particularly dangerous one, with frequent auto wrecks in the vicinity of the mission.

STABILIZATION OF MISSION CHURCH 24 man days of laborer time were spent in furthering stabilization work on the mission church this month. At this writing it can be reported that all of the exterior of the church, save for about 225 square feet on the north and east sides of the sacristy, has been given permanent stabilization. This work has consisted of putting cement-lime mortar in innumerable weathered holes in old plaster work, and replacing long sections of completely missing original plaster along the upper portions of the walls. Where large areas were covered, we used expanded metal lathe for a base, then a scratch coat, then a thin colored finish coat. For small patches we used simply the color coat.

The 225 square feet referred to above is where bare adobe wall on north and east of the sacristy was covered with stabilized soil mortar a year ago last June. That work was temporary in nature, but is still strong enough there seems little point in tearing it all out now for placement of lime-cement mortar. Weather is turning cold, and when the nights begin freezing it would be ill-advised to do plaster work.

Some repair is now being done to spots most in need of it on the inner wall surface of the cemetery. In a few days this will be closed down for the winter.

There remains a great deal of permanent stabilization work necessary on the mortuary chapel, cemetery wall, and wall remnants for the rooms of the old patio east of the church. Such work will be resumed next spring and will be carried out as far as present funds will carry us.

Earl Jackson,
Custodian.

Mr. Glenn Flint II, Mgr. By expenditure of much after-hours talking and
roaring about in the valley we have succeeded in organizing a Red Cross
Flint Aid class. A class of a dozen meets each Wednesday evening in the
museum lobby for instruction in the standard devices in Flint Aid, with an
instructor who comes out from Dargelas to teach. When we are finished with
the course each adult person living on the monument will have a certificate,
and we will have a Flint Aid station installed here. This station should
be of real value, as the Dragon-Dargelas highway is a particularly dangerous
one, with frequent auto wrecks in the vicinity of the chasm.

Modification of station quarters. Of men days of labour this area spent
in further stabilization work on the chasm above this wreck. In
this writing it can be reported that all of the exterior of the church,
save for about 225 square feet on the north and west sides of the sanctuary,
has been given permanent stabilization. This work has consisted of
putting cement-like mortar in innumerable cavities in old plaster
work, and reinforcing long sections of completely eroded original lumber
along the upper portions of the walls. Where large areas were covered,
we used expanded metal lathe for a base, then a mortar coat, then a
thin colored finish coat. For small patches we used simply the mortar coat.

The 225 square feet referred to above is where three adobe walls on
north end east of the sanctuary are covered with stabilized wall mortar
a year ago last June. Not much new brickwork is going, but is still
going enough there seems little point in touring it all out now for
placement of lime-cement mortar. Masonry is turning gold, and when
the sights be in Trouble it would be ill-advised to do plaster work.

Some people in New Delhi come to quote more in need of it on the
lower wall surface of the monastery. In a few days this will be closed
down for the winter.

There remains a great deal of permanent stabilization work necessary
on the southern chapel, cemetery wall, and wall remnants for the rooms of
the old parts east of the church. Such work will be resumed next spring
and will be carried out as far as present funds will carry us.

Mark Jackson,
Custodian.

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TUZIGOOT NATIONAL MONUMENT

CLARKDALE, ARIZONA

OCTOBER 26, 1947, 19

MEMORANDUM for the Regional Director, Region Three.

Following is the monthly narrative report for Tuzigoot National Monument for September, 1947.

Travel Data: Visitors this month totaled 1211 an increase of 17% over the corresponding month of October, 1946. California leads by far all out-of-state travel. Arizon's fine fall weather appears attractive to those from the golden state.

Guide and Contact Service. Museum, ruins and orientation contacts totaled 3042 for the month. 980 people in 200 parties were shown the museum, and 988 people in 212 parties were conducted through the Ruins. All visitors in the Museum were contacted.

Personnel Time: Museum 110 hours, 15 minutes; Ruins: 77 hours, 55 minutes. Total time for Bright: 57 hours, 55 minutes; for Richert: 130 hours, 15 minutes.

Changes in Personnel. On October 7, Eleanor and Everett Bright returned to Tuzigoot from Gran Quivira National Monument where he was relieved by Bill Bowen from Grand Canyon. Good luck Bill and Gertrude at G. Q. It was great to find the plant and office at Tuzigoot in such fine order, thanks to the very able administration of Ranger Richert who has done an excellent job of handling the heavy visitation during the past few months

N.P.S. Visitors: John Davis, Kenneth Saunders and Sam Hendricks on October 3. Also a visit by Park Naturalist H. J. Broderick and family from Petrified Forest.

Maintenance and Administration. New drainage ditches were dug in rear of the garage and along the entrance road to the museum building. We are still waiting final delivery of 297 feet of 2 inch pipe which will complete a 1200 foot section of water line replacement to Clarkdale. Fortunately no leaks have developed during the past month. The County grader did a fine job of grading and smoothing the entrance road to the monument.

Publications: 9000 Tuzigoot Two-fold leaflets and 700 mimeo informational sheets on hand. No other free or for sale publications on hand at this Mon.

Everett W. Bright
Custodian.

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Walnut Canyon National Monument,
Flagstaff, Arizona.

October 30, 1947.

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities in Walnut Canyon National Monument for the month of October, 1947:

Weather. The first snow of season occurred October 12. In general, the days have been pleasant with the temperature falling below freezing at night.

Visitors. Of the 1,349 total, 1,142 were contacted, and it is estimated that 1,011 made the trail trip unattended. Twenty two parties, or 98 people, used the picnic area.

Some time was spent with the following Park Service people: John M. Davis, Kenneth Saunders, Sam Hendricks, Ted Sowers, Jim Brewer, Bob Upton, Joe Bean, David Jones, Everett Bright, Erik Reed and John Kell.

Activities Other than Routine. Trail Laborer Viklund, assisted some by Ranger Aubuchon, spent five days on the ruins trail. The USFS District Ranger was accompanied when he marked 21 trees for sale on the right-of-way of the power line across Forest Service land. Invitations to Bid were sent coal dealers for our winter's supply, and to building contractors for the repair job proposed for the Admin. Bldg. Four reels of #6 copper-weld wire were sent Bandelier while other supplies were sent to Canyon de Chelly and El Morro. A load of supplies was taken to Navajo Nat'l Monument, and a load of coal procured from the Cow Springs coal mine on the return trip. Radiators of the pick-up truck and the light plant were repaired, and "Prestone" installed. All soda and acid extinguishers, except one in #2 Cottage, were emptied to prevent freezing. All outside water outlets were cut-off until next spring. We dont have a lot of building fire protection now. Two oil stoves have been overhauled. A "Barco" gas hammer was received from the W.A.A.

Paul L. Beaubien
Custodian

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NATIONAL MONUMENT

Flagstaff, Arizona.

October 20, 1947.

19

Memorandum for the Regional Director, Region Three.

There follows a report of activities in Walnut Canyon National Monument for the month of October, 1947:

Weather. The first snow of season occurred October 12. In general, the days have been pleasant with the temperature falling below freezing at night.

Visitors. Of the 1,849 total, 1,142 were counted, and it is estimated that 1,011 made the trail trip unattended. Twenty two parties, or 92 people, used the picnic area.

Some time was spent with the following park service people: John H. Davis, Kenneth Demaree, Dan Beachley, Ted Hunter, Jim Brewer, Bob Upton, Joe Dunn, David Jones, Everett Bright, Erik Reed and John Bell.

Activities other than Routine. Trail Laborer Vikland, assisted some by Ranger Demaree, spent five days on the trail. The worst obstacle thereon was economically also to remove it there for note on the right-of-way of the power line across Service land. Invitations to bid were sent coal dealers for our winter's supply, and to building contractors for the repair job proposed for the cabin. Bids. Four trails of 15 cords-each were sent Bandelier while other supplies were sent to Canyon de Chelly and El Morro. A load of supplies was taken to Navajo Mt't Monument, and a load of coal procured from the Gin Springs coal mine on the return trip. Fellowers of the pick-up truck and the light plant were repaired, and "overtone" installed. All soda and acid exhaustibers, except one in 1/2 battery, were emptied to prevent freezing. All outside water outlets were out-off until next spring. We dont have a lot of building fire protection now. Two oil stoves have been stolen. A "Zero" gas burner was received from the V.L.L.

Paul L. Beaubien
Custodian

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

WHITE SANDS

Box 231, Alamogordo, New Mexico

October 28, 47

MEMORANDUM for the Regional Director, Region Three.

OCTOBER - 1947	TRAVEL YEAR 1948 TO DATE
Visitors 6,147 Cars 1,684	Visitors 6,147 Cars 1,684

October, seemingly in line with every other month, continues to surpass like months of a year ago, we are showing over 8,000 visitors gained over last fiscal year to date. This increase, if it continues over last year's banner travel, truly has us worried. Our facilities are taxed at present.

No official trips were made off the area by the Custodian. One trip was made by Operator Shepperd to Deming, New Mexico for tables loaned by the Alamogordo Board of Education for use in the picnic area.

Weather conditions have been normal with possibly warmer days throughout the month than usual. .42 inches of rain added to the relief of the long drouth, but was too late for many plants.

We have had little time for much of anything outside of routine. Minor troubles with pumps, lines, cars, etc have kept the boys on the jump. Paul has held the office, and helped outside as he could, and Joe and Harold tried to keep the outside going. Joe took advantage of the rain and bladed his road several times. Winds have dried them out much faster than usual this time of year. Harold has, over the past several weeks, taken parts on two motors and has the black Ford pickup in running order again. The green coupe-pickup has been parked and the purchased notified that it was available for release. We were scared to drive it another mile for fear it would fall apart. We have been notified that our new pickup is enroute so perhaps before long we can breathe easy again from the standpoint of transportation.

Water continues to be the subject of vital concern in Alamogordo and drastic measures are being taken in an attempt to assure the town of an ample supply. It will certainly be a benefit to all concerned when we get our Dog Canyon water and are no longer dependent on the town.

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RECEIVED
NOV 3 1947

Concession sales have been slightly above normal with no complaints from any source.

The museum has functioned with its usual high efficiency. The driving rain came through the roof in one place and watered one case thoroughly but aside from that the museum has been 100%. We are trying again to purchase the old type fluorescent starter in an attempt to get all lights functioning once more.

We had one car wreck in the Sands. Three boys and three girls were out, and from the story we can get the boys were hunting the girls and turned over. Actually, according to the State Police investigation, the fellow were driving too fast and in trying to show off turned overlanding the car squarely on its top. No one was injured but they were just lucky. In lesser rolls people have been killed or seriously injured.

Sam Hendricks paid us an official call in connection with our road job. Naturalist Sullivan and his family were in for a night and Mr. and Mrs. Tom Conley accompanied by Harry Linder paid us a brief call. Mr. and Mrs. Weldon F. Heald of the Flying H Ranch at Hereford, Arizona were here a few hours. They wish to be remembered to all their Service friends.

With water line and tank troubles, almost seven hundred visitors Sunday with one man on the gate, while the other two worked on the water system, I guess we can look forward to lots of visitors and lots of fun for November.

Johnwill Faris,
Custodian.

in triplicate.



RECEIVED
NOV 3 1947

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DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Wupatki NATIONAL MONUMENT

Flagstaff, Arizona

25 October 19 47

MEMORANDUM for the Regional Director, Region Three.

Following is a report of activities at Wupatki National Monument for the month of October, 1947:

Visitors this month: 379 Travel Year to date: 379

Weather: Delightful fall weather prevailed most of the month with the exception of one week during which we received 1.55 inches of precipitation.

Roads: Minor road repairs were undertaken following the storms, but the roads are in good condition from the rains. While visitors complain about the "washboard", none have encountered any difficulty on the cinder sections.

Travel: Record travel was established again this month with an increase of 44% over that of last October. Actually travel is even heavier than we have recorded, but we do not have any satisfactory figure to compensate for those who do not register.

Personnel: Mr. Joe Bean was employed as laborer on Roads and Trails pending assignment to the permanent roads and trails position. Mr. and Mrs Bean were formerly at Tonto National Monument, and come to us with experience in our problems.

Activities of Outside Agencies: The Barron-Steele oil prospect on Spider Web Ranch north of the Monument struck water at approximately 1300 feet. Apparently there is a fairly good flow at this depth which is approximately the same depth as Deep Well near the Citadel Ruin. Drilling continues in search of oil.

NPS Visitors: Brief discuss ion of some monument problems was held with Assistant Regional Director Davis, Architect Saunders and Engineer Hendricks in Flagstaff on the 11th.

Unusual Observations: Apparently we had earthquakes of local origin the evening of October 26. At 8:55 PM a thundering noise lasting several

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NATIONAL MONUMENT

seconds was heard. At 9:14 a longer and louder thundering was heard and we observed a suspended vase swinging. The sky was cloudless even over the San Francisco Peaks. The Peshlacai family noticed the disturbance and say that the Navajos near Gray Mountain felt the earth tremor and heard three rumblings. Apparently nothing was observed at Flagstaff, although Ranger Upton noticed it a Sunset Crater. An official report will be made after we have gathered more observations.

Navajos: Grandpost, the medicine man, has returned from his sojourn in the penetentiary at Florence. He looks much younger and is the envy of the older Navajos because he had all his teeth extracted and store teeth installed at the expense of the State. Sally Peshlacai, formerly Clyde's #1 wife, has married Emmett Lee of Wupatki Basin.

General: Aside from routine maintenance, visitor contact and preperation for winter projects, we have been able to complete the installation of directional markers or signs using cut-out letters.

David J. Jones
Custodian

previously was heard, at 9:14 a later and later thundering was heard and we observed a sequence rose skyline. The sky was clouding over over the Sun Carolina Peaks. The Peninsul Daily noticed the disturbance and say that the Marina Jean Shay Shurmin Bait the earth tremor and heard tree rumbling, apparently activity was observed at Injetaff, although Sawyer Tyler confined it a Sawyer Jrater. An official report will be made after we have gathered more observations.

Jennings Crawlpost, the medicine man, has returned from his sojourn in the peninsularity at Jarvous. My Louis must prosper and is the envy of the other Baptist persons in my all his youth ordained and state baptized at the express of the Jtate. Daily Paulsen, formerly Clyde's ll wife, has married Joseph Lee of Boyett Beach.

Lawyer: Hello from rustic maintenance, visitor contact and preservation for wrather projects, we have been able to complete the installation of threshold markers or signs using volunteer laborers.

David J. Jones
Executive

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November 4, 1947.

MEMORANDUM for the Regional Director, Region Three.

Following is the narrative report of naturalists of the Southwestern National Monuments for the month of October, 1947.

Staff Activities - General

Naturalist Dale S. King was in the office during the month except for a trip to Bandelier on October 21.

At the beginning of the month Archeologist Charlie R. Steen was in the field at Aztec Ruins and Chaco Canyon National Monuments. He spent the balance of the month in the office except for two one-day trips to Bandelier to look over the stabilization work at Tyuonyi Ruin. Most of Steen's time was spent cataloging library accessions and keeping stabilization records current.

Naturalist Maurice Sullivan spent the month in the office.

Planning - Other Than Within

Sullivan completed the rough draft of the interpretive outline for Saguaro National Monument and send it to the custodian for comment on October 14. He assembled bibliographical references and started on the interpretive outline for Great Sand Dunes toward the end of the month. He finished the "Concise Statement of Significance" and "General Theme of Development" for Montezuma Well and turned it over to the Branch of Planning for comment.

Progress of Exhibit Plans and Projects

King discussed with the staff at Bandelier and with artist Peblita Velarde Harding the proposal to employ Mrs. Harding at the monument to complete the ethnological illustrations in the museum there. Arrangements were made to employ her as soon as the museum preparatory job is set up, and it is hoped to complete the illustrations for the room with Headquarters Naturalist funds which will be completely exhausted for the year by the project. A description of the job was prepared for the personnel division, which forwarded it to the Director for approval.

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Accessions - Other Than Library

Sullivan obtained for our stencil punch machine a supply of ink and stencil boards.

Region Three Office Loan Library

Accessions for the month were 4 books, 37 reports, and 22 pamphlets, making a total of 63 items.

Steen cataloged 50 books and sent them to various monument libraries on permanent loan.

Books received during the month:

Leighton and Kluckhohn - Children of the People (Navajo)
Clarence S. Jackson - Picture Taker of the Old West
Harry Tschopik - Highland Communities of Central Peru
Spirit of the Pioneers, Biography and Diary of Lorenzo Dow Young (Utah)

Southwestern Monuments Association

There were several major happenings during the month, not the least of which was the publication of "Poisonous Dwellers of the Desert" by Hatt M. Dodge, copies of which were received on October 21. A considerable number of the booklets were sent out to various periodicals as review copies, and copies were distributed throughout the National Park Service. This booklet was obtained at a price which will allow us to supply a jobber whose salesmen will place in most of the book stores of the Southwest, thus heightening the ceiling of our sales.

A lengthy annual report, the seventh sent to the Association was started, was mimeographed and distributed to our Board of Directors and all the field stations of the National Park Service to whom it might be of benefit. The encouraging increase in our sales and assets were carried in last month's report.

Considerable editing was done on the two papers concerning Montezuma Castle. It is hoped that this book can go to the printers sometime late this month.

Discussions were had with a representative of the Museum of New Mexico in regards to a possible price lowering on First Penthouse Dwellers of America.

A commission was given Arthur Woodward of the Los Angeles Museum to write for the Association a booklet describing Southwestern Indian handicraft.

Innovations - Other Than Library

Suitable substitutes for our Overall Parcel Handling & Supply or the new Parcel Inserts.

Begins Drive Within Town Library

Innovations for the world make a change, it reports, and it ventilate, making a trial at 53 issue.

Items returned by books and mail that to various accounts libraries in particular town.

Books received during the month:

Religion and Liberalism - Children of The People (Jewish)
Clarence C. Johnson - Victory Stamp of the Old Dead
Harry Sheldon - Political Investigations at Central Town
Rights of the Citizens, Biography and Diary of Lawrence (Jr. Town)
(Stamp)

Postmasters Discovery Investigation

These were removal until September during the course, but the first of which was the publication of "Literature Omissions of the Library" Marion, Dodge, copies of which were received on October 11. A publication number of the Associate were small but be various periodicals or various suppose, and copies were distributed to the Carnegie Free Library. This booklet was offered at a price which will allow us to supply a September orders will reach us most of the news stores of the Southwest, this initiating the mailing of our notes.

A little social value, the records sent to the Association was started, was considered and determined to our Trade or Standard and all the Free stations of the National Free Service it would be of benefit. The announcement increase in our sales and assets make natural or last issue to report.

Constantly adding was done on the New Jersey Circulating Service Lantle. It is hoped that this book may go to the primary examine like this week.

Discussions were had with a representative of the Bureau of Home Service to provide to a publicity-free showing of First Mutation Institute at Somerset.

A committee was given every Tuesday at the Los Angeles Center to write for the Association a monthly newsletter bulletin, distributed among members.

Preparation of stencils for the mailing list was begun on Saturday, October 25, utilizing paid services of stenographers drawn from Region Three personnel.

A pleasant visit by Mr. Horace M. Albright, a member of our Board of Directors, was enjoyed on Friday, October 24. Mr. Albright expressed himself as being pleased with the progress of the Association.

The audit of the fiscal year 1946-47 was completed by Mr. W. C. Neal, a commercial auditor of Santa Fe, and it agrees with what the Treasurer had previously submitted, except for minor differences which do not affect the totals given by the Treasurer to the Executive Secretary.

This month 196 covers were mailed including 22 purchase orders, and 45 letters, which is a considerable increase. Last month 123 covers were mailed.

Visitors

Arthur Woodward of the Los Angeles Museum, Horace M. Albright of the United States Potash Company, Custodian Bowers of Great Sand Dunes, Custodian Binnewies of Bandelier, Ranger Fulton of Saguaro, and Ranger Onstott of Bandelier.

Unusual Activities - Conferences

On Thursday, October 23, Mr. Fred Worman and Student Jack Tierney of Adams State College of Alamosa, Colorado, visited the office, conferring with staff members and men from Bandelier on a proposed program of archeological research on and near Bandelier National Monument. In view of the change in land ownership which will occur concerning the territory between the two sections of the monument, it was decided that the institution should apply for archeological excavation and survey permits in that area, although base camp will be in Frijoles Canyon at Bandelier. If the National Park Service approves, and permits can be obtained, it is probable that this institution will complete a five-year program which should do much to add to the incompletely known interpretive story of the monument.

One of the results of the conference was a decision that at least two and probably more of the major ruins now on Forest Service land should be studied with a view of possible inclusion as detached sections in Bandelier National Monument. A memorandum recommending that Navawi and Tsirege Ruins be added to the monument was prepared.

Dr. Walter W. Taylor, Jr., research associate of the United States National Museum, doing archeological survey in Coahuila, wrote the office asking for pictures of cost-mundi. He is attempting to establish present ranges of animals, the bones of which have been found in his previous excavations in caves there. Luckily, good pictures of the animal were

found in the library, and photographic reproductions sent Dr. Taylor in time to save his expedition considerable expense.

Ruins Stabilization

Steen spent considerable time keeping the voluminous stabilization records current. He made arrangements for personnel from the Chaco unit to go to Aztec Ruins to superintend the repair roofs on kivas there. He also inspected and superintended the stabilization work at Bandelier, which was also inspected by Naturalist King and Archeologist Reed.

Technical Aid to Administrators

Sullivan completed the rough draft on an informational booklet for instruction of Region Three employees. This is a major job, and he is to be congratulated on the considereble work involved.

Several letters were written to distribute surplus property in various national monuments.

Projects for the Insuing Month

King will travel to the monuments near Flagstaff, Arizona early in the month for a period of two or three weeks to complete old stabilization and excavation reports, inspect stabilization activities, and do some work on the Walnut Canyon Museum plan.

Steen will leave the office on November 8 on a ten-day trip to Chaco Canyon, Aztec Ruins, Canyon de Chelly, Gran Quivira National Monuments.

Sullivan will make a short trip to Great Sand Dunes, and will spend most of the month on routine activities and master plan statements.

(SGD) DALE S. KING

Dale S. King,
Naturalist.

(SGD) JOHN M. DAVIS

Approved for Distribution _____, November 4, 1947.
Assistant Regional Director.

cc: Mr. Dodge.
Monument Circulation (2).

Passed in the Library, and photographic reproductions sent to Taylor to show to your fellow executive committee members.

Rules Committee

These rules committee also looking the violations established several months. We made arrangements for picture with Dave Dana to go to Iowa State to experiment the tripod shots on Iowa State. We also discussed and interviewed the possibilities with at Central Iowa, which were also included in Detroit that now Indianapolis Road.

Technical Aid to Registration

Bulletin completed the study sheets on International Standard for Interpretation of Engine Performance. Bill is a major job, and he is to be congratulated on the satisfactorily work involved.

Several letters were written to Electronic service persons in various national newspapers.

Preparing for the Meeting Month

Every will travel to Ohio vacations every Thursday, returns early in the month. For a period of two or three weeks to complete all electrical and mechanical repairs, inquiry solicitations activities, and to move out to the Island Lodging Town-plans.

These will leave the office on Saturday I do a Monday only to Cape Girard, Lafon Belle, Grigon de Chelly, Grand Canyon Petrified Forests.

Bulletin will make a first try at Grand Canyon, and will spend most of the month on routine activities and winter plan preparation.

Sincerely,

Dale A. Ebbe,
Secretary.

Approved for Executive _____, November 4, 1941.
Indiana National Treasurer.

Memo for Judge.
Thomas Directories 121.

ection 304
Reports
11 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Arches National Monument
Name of Area

October
Month
1947
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes	1	21	1½ hrs.
uins or Hist. House			
ther			
Total	1	21	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Headquarters	22	184	1/4 hr.
Windows	3	91	1/2 hr
(Give Name or Type) Total	25	275	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Windows	27	372	1 hr.
(Give Name or Type) Total	27	372	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
plies to Inquiries			
ther			

668
Total Receiving Interp. Serv.

463
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

page booklets	
opular Studies	
ource Books	

NAME **Russell L. Mahan**
TITLE **Custodian**

EMARKS: (Please note below any factors influencing interpretive service, such as: useum closed for repairs", "closed for season", "naturalist on sick leave", etc.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
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CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

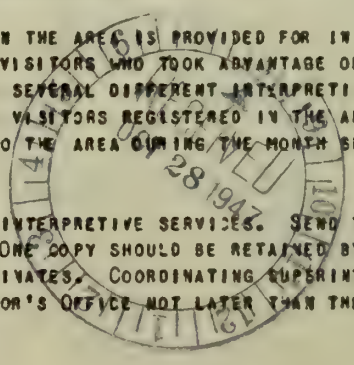
COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

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TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.



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120905

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Aztec Ruins, New Mexico
Name of Area

October
Month

1947
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		2	
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	147	626	3/4 hr
ther Museum	216	936	1/4 hr
Total		1562	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
oadcasts			
lks	68	360 [illegible]	3/4 hr
splays and Exhibits			
plies to Inquiries	4		
her			

1562
Total Receiving Interp. Serv.

936
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

page booklets	56
pular Studies	
urce Books	

NAME [signature]

TITLE Irving D. Townsend, Custodian.

MARKS: (Please note below any factors influencing interpretive service, such as: useum closed for repairs", "closed for season", "naturalist on sick leave", etc.

[illegible]

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Bandelier National Monument
Name of Area

October
Month
1947
Year

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
rmanent		2	2
mporary			1 (one day)

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
to Caravans			
lks or Hikes			
ins or Hist. House	113	1058	68.8 min.
her			
Total	113	1058	

TALKS	NO.		
mpfire			
tel or Lodge			
seum (Not connected with conducted trip)	20	83	20 min.
ientation (Not connected with conducted trip)			
her (Not connected with conducted trip)			
Total	20	83	

ATTENDED INTERPRETIVE STATIONS	DAYS		
seum Lobby	30	1520	10 min.
(Give Name or Type) Total	30	1520	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
ails of Tsankawi, Ceremonial Cave, Stone Lions, and Fire Lookout	30	506	
(Give Name or Type) Total	30	506	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
oadcasts			
lks			
splays and Exhibits			
plies to Inquiries			
her			

3167
Total Receiving Interp. Serv.

2026
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

page booklets	
pular Studies	
urce Books	

NAME Fred W. Birnewies
Fred W. Birnewies,
TITLE Custodian.

MARKS: (Please note below any factors influencing interpretive service, such as: useum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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RECEIVED
1209-05

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Reports
1 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Canyon de Chelly National Monument
Name of Area

October
Month
1947
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
rmanent		One	
mporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
to Caravans			
lks or Hikes			
ins or Hist. House	6	52	3.5 hr
her Thunderbird Ranch Canyon.	7	28	4. Hr.
Total	13	80	

TALKS	NO.		
mpfire			
tel or Lodge			
seum (Not connected with conducted trip)			
ientation (Not connected with conducted trip)	55	74	20 Min.
her (Not connected with conducted trip)			
Total		74	

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
oadcasts			
lks			
splays and Exhibits			
plies to Inquiries			
her			

154 (28..T.B. Ranch)
Total Receiving Interp. Serv.
~~155~~ 145
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

page booklets	
pular Studies	
urce Books	

NAME **Meredith K. Guillet**

TITLE **Custodian**

MARKS: (Please note below any factors influencing interpretive service, such as: useum closed for repairs", "closed for season", "naturalist on sick leave", etc.

y the Custodian on Duty the full month and time did not permit Many conducted tours

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OCT 28

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Reports
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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Capulin Mountain
National Monument
Name of Area

October
Month

1947
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		One,	
emporary			

CONDUCTED TRIPS None,	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther			
Total			

TALKS None	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS None	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
~~Wayside markers pointing out five of~~			
the principal points of interst			
(Give Name or Type) Total	31	1,000	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
lks			
splays and Exhibits			
plies to Inquiries			
her			

One thousand
Total Receiving Interp. Serv.

~~three thousand~~
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

page booklets
pular Studies
urce Books

NAME
TITLE Homer J. Farr, Custodian,

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TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

ction 30
Reports
1 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

CASA GRANDE NATIONAL MONUMENT
Name of Area

October
Month
1947
Year

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
rmanent		1	1
mporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
to Caravans			
lks or Hikes			
ins or Hist. House	166	1,206	47.4 min.
her	135	1,067	24.4 "
Total	301	2,271	

TALKS	NO.		
mpfire			
tel or Lodge			
seum (Not connected with conducted trip)			
ientation (Not connected with conducted trip)			
her (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
seum & etc.		801	
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
oadcasts			
lks			
splays and Exhibits			
plies to Inquiries			
her			

2,271
Total Receiving Interp. Serv.

2,064
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

page booklets	55
pular Studies	
urce Books	

NAME A.T. Bidwell,
TITLE Custodian.

MARKS: (Please note below any factors influencing interpretive service, such as: useum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Archeologist position is still unfilled.

NSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THIS IN

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

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"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
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RECEIVED OCT 9 1941

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120905

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Report 9-53

Chaco Canyon National Monument
Name of Area

October
Month

1947
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		(1) Custodian	
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	18	62	60 mins.
ther			
Total	18	62	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)	12	43	24 mins.
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total	12	43	

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
lks			
splays and Exhibits			
plies to Inquiries	1	written inquiry	
her			

GOVERNMENT PUBLICATIONS SOLD (number)

page booklets	
pular Studies	
urce Books	

105
Total Receiving Interp. Serv.

62
Total Number Visitors to Area

NAME Irving McNeil, Jr.

TITLE Custodian

EMARKS: (Please note below any factors influencing interpretive service, such as: "Museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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RECEIVED
OCT 30 1947

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120905

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

[illegible] National Monument
Name of Area

[illegible]
Month

1944
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther			
Total			

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Headquarters Museum	31	60	1 hour
(Give Name or Type) Total	31	60	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Museum & Orientation Station (Estimated	31	420	1 hour
(Give Name or Type) Total	31	420	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
lks			
splays and Exhibits			
plies to Inquiries			
her			

1,7
Total Receiving Interp. Serv.

751
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

page booklets	
pular Studies	
urce Books	

NAME Clair V. Cooke

TITLE Custodian.

MARKS: (Please note below any factors influencing interpretive service, such as: useum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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REGIONAL OFFICE

12-5-5

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

GRAN QUIVIRA NATIONAL MONUMENT
Name of Area

OCTOBER
Month
1947
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	36	109	40 Min.
ther			
Total	36	109	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts	0		
alks	0		
isplays and Exhibits	0		
eplies to Inquiries	0		
ther	0		

109
Total Receiving Interp. Serv.

113
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

6 page booklets	
opular Studies	
ource Books	

NAME Wm S Bowen

TITLE Custodian

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

cars & 4 people registered while Custodian was away from the Station

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INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.
INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

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COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

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120005

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

GREAT SAND DUNES NATIONAL MONUMENT
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary			

OCTOBER
Month
1947
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
CONTACT STATION (Sundays)	4	355	15 min.
(Give Name or Type) Total	4	355	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

355
Total Receiving Interp. Serv.
951
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	
Popular Studies	
Source Books	

NAME Ted C. Sowers
TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Montezuma Castle National Monument
Name of Area

October
Month
1947
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	2 (Leding, Schroeder)
emporary			1 (Frost, 4days)

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	137	587	60 min.
ther			
Total	137	587	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip) *	140	451	5 min.
ther (Not connected with conducted trip)			
*Cars & visitors at Mont. Well Total	140	451	

ATTENDED INTERPRETIVE STATIONS	DAYS		
useum (not continuouly attended)	30	741	10 min.
rientation (connected with conducted tour but information received by those not making tour.)	30	427	15 min.
(Give Name or Type) Total	60	1168	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Sycamore Trail (self guiding with leaflet)	30	no record	20 min.
Montezuma Well Trail (silf guiding with leaflet)	30	451	30 min.
(Give Name or Type) Total	60	451	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries	2		
ther			

2657
Total Receiving Interp. Serv.
1975
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

6 page booklets	
opular Studies	
ource Books	

NAME Homer F. Hastings
TITLE Custodian.

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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FILL OUT ONLY THOSE BLOCKS THAT APPLY

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Natural Bridges National Monument
Name of Area

October
Month

1947
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent			
Temporary			1 (To Oct. 15th)

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes	5	17	2½ hrs.
Ruins or Hist. House			
Other			
Total	5	17	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Headquarters	11	32	1 hr.
(Give Name or Type) Total	11	32	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Headquarters	19	18	
(Give Name or Type) Total	19	18	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

67
Total Receiving Interp. Serv.

50
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	
Popular Studies	
Source Books	

NAME Russell L. Mahan
TITLE Acting Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Heavy storms during months made approach road impassable for several days.

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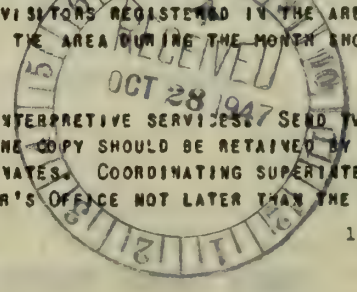
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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Navajo National Monument
Name of Area

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	
emporary			Parttime

October
Month
1947
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes SANDAL TRAIL	4	9	2 hrs.
uins or Hist. House BETATAKIN	1	2	1 day*
ther SEAL	1	2	2 days*
Total	6	13	

TALKS	NO. * Shine Smith		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)	4	7	1½ hrs.
Total	4		

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries	5		
ther			

20
Total Receiving Interp. Serv.

12
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

6 page booklets	
opular Studies	
ource Books	

NAME _____

TITLE J.W. Brewer, jr. Custodian

EMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

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120905

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

ORGAN PIPE CACTUS NATIONAL MONUMENT
Name of Area

OCTOBER
Month

1947
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	0	1	1
Temporary	0	0	0

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Headquarters	20	30	
(Give Name or Type) Total	20	30	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

30
Total Receiving Interp. Serv.

6591
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	
Popular Studies	
Source Books	

NAME William R. Supernaugh
TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Saguaro National Monument
Name of Area

October
Month

1947
Year

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
rmanent		2	
mporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
to Caravans			
lks or Hikes			
ins or Hist. House			
her			
Total			

TALKS	NO.		
mpfire			
tel or Lodge			
seum (Not connected with conducted trip)			
ientation (Not connected with conducted trip)			
her (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Monument Headquarters	21	176 persons in 61 parties	930 min. total 15.2 min. avg.
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
oadcasts			
lks			
splays and Exhibits			
plies to Inquiries			
her			

176
Total Receiving Interp. Serv.

869
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
page booklets
pular Studies
urce Books

NAME Don W. Egermayer

TITLE Custodian

EMARKS: (Please note below any factors influencing interpretive service, such as: "Museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Ranger on annual leave from Sept. 29 to Oct. 24.

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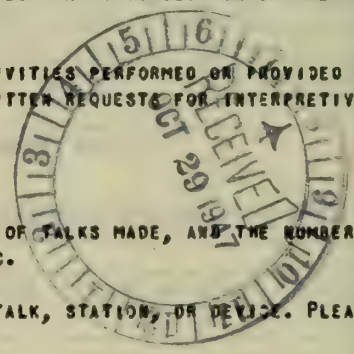
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120905

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Sunset Crater National Monument
Name of Area

October
Month
1947
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent			1
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Interpretive Contact	13	267	10 Min.
(Give Name or Type) Total	13	267	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Trailside Signs	31	804	5 Min.
(Give Name or Type) Total	31	804	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

1071
Total Receiving Interp. Serv.

2010
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	
Popular Studies	
Source Books	

NAME Robert F. Upton

TITLE Ranger in Charge

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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Reports
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120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Tonto National Monument
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	1	1	
Temporary			

October
Month

1947
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	90	272	50 min. av.
Other			4375 min. total
Total	90	272	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Hdq. Museum, Exhibit room	30	400	10 - 20 min. (average)
			2025 min total
(Give Name or Type) Total	30	400	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	2		
Other			

752
Total Receiving Interp. Serv.

520
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME Charles C. Sharp

TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Archaeologist on special assignment at Tuzigoot first 3 weeks of month, on Annual leave last week of report month.

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INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITO USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FOR DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

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THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Tumacacori National Monument
Name of Area

October
Month
1947
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	1
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	136	673	37.86 mins
ther			
Total	136	673	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total	0	0	

ATTENDED INTERPRETIVE STATIONS	DAYS		
ontacts at registry desk in lobby, or in museum. Information service and Interpretation combine in these contacts; all visitors except runarounds get this service.)	30	1,190	5 mins
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
useum is self-guiding; guide does not station himself in museum, but is located in lobby when not on uins trip or working at something else; orients isitors in museum, turns on lights, etc.	30	1,166	10 mins.*
(Give Name or Type) Total	30	1,166	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts	0		
alks	0		
isplays and Exhibits	0		
eplies to Inquiries	0		
ther	0		

3,029
Total Receiving Interp. Serv.

1,259**
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

6 page booklets	none
opular Studies	"
ource Books	"

NAME Earl Jackson

TITLE Earl Jackson, Custodian

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*Estimate. ** Including 69 runarounds.

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FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

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RECEIVED

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120905

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Reports
11 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Tuzigoot National Monument
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	One	One	
Temporary			

October
Month

1947
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	212	988	22 min.
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)	200	980	23.9 min.
Orientation (Not connected with conducted trip)	278	1074	4 min.
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

GOVERNMENT PUBLICATIONS SOLD (number)	
16 page booklets	
Popular Studies	
Source Books	

5042
Total Receiving Interp. Serv.

1211
Total Number Visitors to Area

NAME Everett W. Bright

TITLE Everett W. Bright, Custodian.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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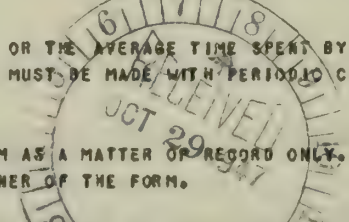
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120005

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Reports
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120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Walnut Canyon National Monument
Name of Area

October
Month

1947
Year

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
rmanent		One(part-time)	One(part-time)
mporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
to Caravans			
lks or Hikes			
ins or Hist. House			
her			
Total			

TALKS	NO.		
mpfire			
tel or Lodge			
seum (Not connected with conducted trip)			
ientation (Not connected with conducted trip)			
her (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
~~werlook at Administration Bldg.~~	~~29~~	~~1,142~~	~~1/3 hr.~~
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
oadcasts			
lks			
isplays and Exhibits			
plies to Inquiries			
her			

~~1,142~~
Total Receiving Interp. Serv.

~~1,349~~
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

5 page booklets	
opular Studies	
ource Books	

NAME ~~Paul L. Beaubien~~
TITLE Custodian

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

~~out 1,011 made the ruins trip unattended.~~

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120505

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Reports
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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

WHITE SANDS NATIONAL MONUMENT
Name of Area

OCTOBER
Month

1947
Year

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
rmanent		1	2
mporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
to Caravans			
alks or Hikes			
ins or Hist. House			
ther			
Total			

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
MUSEUM	30	2218	
(Give Name or Type) Total		2218	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries	14		
ther			

2218
Total Receiving Interp. Serv.

6147
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

6 page booklets	
opular Studies	
ource Books	

NAME Carl M Steel

TITLE Park Ranger

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITOR USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

RECEIVED NOV 3 1941

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

ection 304
Reports
11 and 420

120905

MONTHLY _ATISTICAL REPORT OF INTERPRETI. SERVICES
IN NATIONAL PARK AREAS*

Wupatki N_t'l Monument
Name of Area

October
Month
1947
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	23	74	40
ther Orientation from Overlook	14	41	10
Total	37	115	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Malakihu Exhibit	31	135	05
(Give Name or Type) Total	31	135	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries			
ther			

250
Total Receiving Interp. Serv.

379
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

6 page booklets	
opular Studies	
ource Books	

NAME David J. Jones

TITLE Custodian

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Custodian on leave for 8 days

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

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120905

UNITED STATES
DEPARTMENT OF THE INTERIOR
National Park Service
Region Three
Santa Fe, New Mexico

Nov. 1947

Routing List Southwestern National Monuments Areas

	Name of Official	Date Received	Date Forwarded
Bandelier	T. M. Bannister	Dec 23, 1947	Dec 31, 1947
Puzigoot	E. T. Hurlbut	1-10-48	1-12-48
Montezuma Castle	N. Hastings	1/14/48	1/16/48
Canyon de Chelly	Quillet	1/19/48	1/21/48
El Morro	B. Wilson	1-23-48	1-26-48
Aztec Ruins	J. Charlot	1-30-48	1-30-48
Chaco Canyon	L. Mitchell	2-1-48	2-2-48
Capulin Mountain	Hoover Jan	2-12-48	2-20-48
Gran Quivira	Wm. J. Bowen	2-24-48	2-25-48
Arches Great Sand Dunes	H. E. M. Hillstrom	2/28/48 3/6/48	3/3/48 3-9-48
Region Three Office			

1

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Region Three

Santa Fe, New Mexico

December 15, 1947.

MEMORANDUM for the Regional Director, Region Three.

Following is a narrative report for Naturalists of the Southwestern National Monuments for the month of November 1947.

Staff Activities - General

Naturalist Dale S. King was in the field during the entire month. He worked at the Museum of Northern Arizona on a stabilization and excavation report of Nalakihu ruin at Wupatki. While at Flagstaff, he Also visited Walnut Canyon, Tuzigoot and Montezuma Castle National Monuments and Grand Canyon National Park.

Archeologist Charlie R. Steen visited Chaco Canyon, Aztec Ruins, Canyon de Chelly, Gran Quivira and Bandelier National Monuments. All of these trips were in connection with ruins stabilization projects, either those in operation or planned jobs. These trips took a total of about two weeks, the balance of the month was spent in the office.

Naturalist Maurice Sullivan was in the office until November 18, when he was transferred to Museum Survey. He will work on museum plans for a couple of monuments until he transfers to Lake Mead Recreational Area in January.

Administration - Interpretation

Routine reports were prepared and twenty-eight letters written.

Progress of Exhibit Plans and Projects

Naturalist Sullivan spent several days at Arches National Monument in order to familierize himself with the area so that he can start work on an exhibit plan for the monument.

Region Three Office Loan Library

Library accessions during November included 15 books, 38 periodicals, 9 reprints and pamphlets. Fifty books were accessioned and catalogued.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Bandelier

Santa Fe, New Mexico

December 14, 1941.

Memorandum for the Regional Director, Region Three.

Following is a narrative report for Bandelier of the Civilian Conservation Corps activities for the month of November 1941.

Park Protection - General

Interpretive Data - Museum

Museum reports were prepared and transmitted before noon.

Protection of Public Uses and Property

Historical Building - Museum

Library accessions during November totaled 72 books, 21 pamphlets, 2 reports and periodicals. Fifty-four books were accessioned and catalogued.

Books received were:

Bernheimer, Charles L. - Rainbow Bridge - Doubleday Page and Co., New York, 1926.

Bill, Alfred Hoyt - Rehearsal for Conflict (Mexican War) History Book Club, New York, 1947.

Brown, G. Baldwin - The Care of Ancient Monuments MacMillan Co., Cambridge, 1905.

Cahalane, Victor H. - Mammals of North America MacMillan Co., New York, 1947.

Cressman, L. S., and Williams and Krieger - Early Man in Oregon University of Oregon, Eugene, 1940.

Dowdey, Clifford - Experiment in Rebellion (The Confederacy) Doubleday and Co., Inc, Garden City, 1947.

Fierro Blanco, Antonio - The Journey of the Flame Houghton Mifflin Co., Boston, 1933.

Flint, Richard F. - Glacial Geology and the Pleistocene Epoch John Wiley and Sons, Inc, New York, 1947.

Martin, Paul S., with Quimby and Collier - Indians Before Columbus University of Chicago Press, Chicago, 1947.

Marti, Manuel G. - Ceramica Espanola Editorial Labor, S.S., Buenos Aires, 1933.

Ramsey, Charles G. and H. R. Sleeper - Architectural Graphic Standards John Wiley and Sons, Inc, New York, 1941.

Smithsonian Institution, Annual Report, 1946 Government Printing Office, Washington, 1947.

Underhill, Ruth M. - Hawk Over Whirlpools J. J. Augustin, Inc, New York, 1940.

Southwestern Monuments Association

Treasurer Vedder worked 18 days, one of which was a Saturday spent supervising typists who were cutting mailing stencils. It has proven more efficient, however, to have stencils cut on a piecework basis at two cents each. Temporary employees Luis Castellum and Barbara Vedder cut a total of 2,875, making the mailing list about 6,000 names at the present. Files were rearranged in newly obtained steel file drawers. During the absence of Executive Secretary King, the Treasurer spent much time in taking care of daily mail or posting inventories on control

Bibliography

Hutchinson, Dorothy L. - Rainbow Bridge - Doubleday, Page and Co., New York, 1928.

Hill, Alfred Hugo - Handbook for Bluefish (Revised Ed.) Bluefish Book Club, Mt. Holly, 1947.

Lyons, B. Malcolm - The Care of Lacquer Stemware. Dandelion Inn, Cedarbridge, 1938.

Vandelaar, Vincent E. - Manual of Derrick Mounting. Pendleton Co., Burr Point, 1947.

Greenwood, Ira M., and Williams and Gregson - Study Aids in Organic Chemistry. University of Arkansas, Fulton, 1940.

Bromley, Clifford - Department Of Agriculture (Our Continuous) Quarterly War Era, New Harbor City, 1917.

Cherry Blossom, Orchids - The Flowers of Mid Plains. Evergreen Nursery Co., Fenton, 1970.

Elder, Vincent D. - Crystal Gazing and the Clairvoyance Queen. Glass Ruby and Sons, Inc., New York, 1947.

Garcia, Jose Ma. with Lucas and Valley - Railway Design Elements. University of Chicago Press, Chicago, 1967.

Lewis, Samuel D. - Drawing Figures. Railroad Labor, Pub., Mineral Wells, 1971.

Brown, Charles D. and Jr. Clayton - Architectural Design Standards Lone Ridge and Troy, New York, 1964.

Bibliography Available Upon Request, 1968
Professional Printing Office, Washington, 1967.

Caldwell, John M. - Open Door Philosophy
A. C. Societies, New York, 1960.

Correspondence Concerning Investigation

Pleasantville Valley Railway Co. of which you is Secretary-Treasurer, advises this office that on July 10 last the Company's Engineer, Mr. Edward Hunt, was killed in a wreck on the Company's line near Pleasantville. Mr. Hunt was in charge of the Company's work train which was engaged in clearing away the wreckage of a freight train which had been derailed by a washout. It has been reported to this office that the wreck was due to a misread train at Pleasantville. Engineer Hunt was in a pilot engine and Fireman Taylor was in charge of the work train. Inspector Ingalls has investigated the matter and reports that the wreck occurred at 1:15 P. M. while the work train was backing to the siding to allow the freight train to pass. Mr. Hunt was killed instantly when the engine overturned. Fireman Taylor escaped with a few bruises.

Visitors

Custodian Sowers of Great Sand Dunes National Monument; Custodian Bowen, Gran Quivira National Monument; Custodian Binnewies and Ranger Onstott, Bandelier National Monument; Archeologist Vivian, Ruins Stabilization Mobile Unit and Dr. Deric O'Brien, Gila Pueblo.

Ruins Stabilization

Work at Chettro Kettle ruin, Chaco Canyon National Monument, continued during the month. At Bandelier about two week's work were spent at Tyuonyi ruin; this work will continue through the winter as weather permits. Plans were made for work in the spring at Gran Quivira and Canyon de Chelly.

Projects for December

King will return to the office and will probably spend the month at Santa Fe. Steen will return to Canyon de Chelly with Archeologist Vivian for an inspection of a wall at White House ruin and will probably spend the balance of the month at Santa Fe.

Charlie R. Steen,
Archeologist.

Approved for Distribution _____, December 15, 1947.
Assistant Regional Director.

cc: Mr. Dodge.
Monuments Circulation (2).

Training

Consolidation Company of Upper Rock Island Mutually Insurance Company, Incorporated Mutual Insurance Institutions Plumbing and Surgery Dentistry, Secondary Religious Secondary Optometrists Vision, Social Trading Setting Public Art and Law Notary Private Profession.

Future Possibilities

Math as Surgery Dairy Plumbing Personal Economy, Attorney during the Work. As Secondary Basic Two Weeks Work Work as Thought Study Side Work Will Architect Through the Other As Weekday Dentist. Plans Home Home Car Week. In The Writing As Time Doctors and Lawyers Or Public.

Problems For Learning

Sing Will Lessons To The Author And Will Probably Spend Six Weeks As Three Six. Items Will Lessons To Lessons Be Study With Responsibility Type For An Impossible If A Will At Sing Three Pair Are Will Will Personal Spend The Balance Of The Work At Cards By.

Sincerely S. Clean,
Technologist.

Approved for Discussion _____, January 13, 1977.
Secretary Secondary Committee.

cc: Mr. Judge.
Economic Literature (11).

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Arches
NATIONAL MONUMENT
Moab, Uta h

November 25, 47
19

MEMORANDUM for the Regional Director, Region Three:

The following is a narrative report for Arches National Monument for the month of November, 1947:

GENERAL: Visitors continue to come to the area despite the cold and stormy weather and our travel continues much above normal. Most of our visitors were in to do the area in color and stated that they wanted to miss the summer crowds and work in the area while it was cool.

INSPE.TIONS: An inspection was made at Natural Bridges National Monument on October 29th and things were put in shape for the winter.

Field Examiner Koch of the Bureau of Land Management visited the area again on Nov. 22nd regarding the investigation of unauthorized excavations at Dalton Wells dinosaur deposit.

TRAVEL: Our travel for the month was considerably less than October but was practically double that for November, 1946. We had a total of 69 cars and 185 people. There was representation from 21 states and the District of Columbia.

Several parties of photographers visited the area during the month and spent from four to seven days covering all the features of Arches and surrounding scenic points.

INTERPRETIVE SERVICES: Our interpretive contacts dropped again this month with only 274 people receiving this service. We had three auto caravans to various sections of the area with 8 people and two hikes were made to Delicate Arch with 6 people. Seventy five people were contacted at headquarters and 18 people at the Windows parking area. One hundred sixty seven people visited the area unattended.

WEATHER: Cold weather closed in during the month and freezing temperatures ha ve occured each night. Rain and sleet fell on November 8th and 19th with snow on the 21st which left 2 inches on the ground. Heavy winds were experienced on three occasions during the month.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

[illegible]
NATIONAL MONUMENT

[illegible]

November 15, 1[illegible]

[illegible]

[illegible] for the Regional Director, Region Three:

The following is a narrative report for Arches National Monument for the month of November, 1[illegible]:

GENERAL: Visitors continue to come to the area despite the cold and stormy weather and our travel continues much above normal. Most of our visitors seem to do the area in color and state they would do also the summer crowds and work in the area while it was cool.

INSPECTION: An inspection was made at Natural Bridges National Monument on October 29th and things were put in shape for the winter.

Field Inspector Cook of the Bureau of Land Management visited the area again on Nov. 22nd regarding the investigation of unauthorized homesteads in Salt Valley Wells Canyon dispute.

VISITS: Our travel for the month was considerably less than October but was practically double that for November, 1938. We had a total of 88 cars and 318 people. There was registered from 11 states and the District of Columbia.

Several parties of photographers visited the area during the month and spent from four to seven days covering all the features of Arches and surrounding scenic points.

[illegible]: Our interpretive contacts dropped again this month to only 171 people traveling this country. We had three auto campers in various sections of the area with 8 people and two hikers were made in Delicate Arch with 8 people. Seventy five people were contacted at headquarters and 15 people at the Window parking area. One hundred sixty seven people visited the area unattended.

[illegible]: Cold weather closed in during the month and freezing temperatures is re ecorded each night. Rain and sleet fell on December 5th and 12th with snow on the flat with left 2 inches on the ground. Many wash were experienced on three occasions during the month.

COOPERATING GOVERNMENTAL AGENCIES: Grand County started construction of approach roads to the Devil's Garden and Fiery Furnace sections on November 5th. To date 3 miles of this road, to the Salt Gorge, has been roughed out with a bulldozer. The first 1.2 miles has all culverts installed and is ready for finishing with a patrol. Next week work will start on the spur through Salt Valley to the Devil's Garden.

County Commissioner L. L. Taylor informed me that the Utah State Road Commission were seriously contemplating the spending of $7000.00 to improve the 6½ miles of approach road from the highway to the boundary in the Windows section. They have asked the county to furnish the equipment and perform the work.

NATIONAL PARK SERVICE VISITORS: Landscape Architect Alleman arrived at the monument on November 1st and the 3rd and 4th were spent in flagging the first two miles of road to the Devil's Garden and Fiery Furnace. On November 5th he drove me to Thompson, Utah to take delivery on a new pickup truck after which he departed for Santa Fe.

Road Maintenance Engineer Miller of Washington office and Regional Road Maintenance Engineer Hendricks visited the area on November 7th and the pressing problem of maintenance of our roads was discussed with them.

ACQUISITIONS: Delivery was received on a 1947 Dodge pickup truck on November 8th, to replace the veteran 1937 Chevrolet Coupe pickup. It is quite a sensation to have a new truck to break in, the first in my 13 years with the Service.

PRIVATE LANDS: On November 14th County Commissioner L. L. Taylor and myself visited Mr. Emmett Elizondo at Harley Dome, Utah to discuss the purchase of the 160 acre Turnbow Homestead, only private land in the monument. An option was obtained from him in favor of the Service and this was submitted, with an appraisal, for action by the Director.

NEWSWORTHY VISITORS: Mr. John Clark, vertebrate geologist of the Carnegie Museum and his field assistant A. D. Lewis arrived in Moab on November 23rd. They are making a reconnaissance survey of the Chinle formation for vertebrate fossils and will spend a week or 10 days in the vicinity of Moab.

MAINTENANCE: Small trees, donated by several Moab residents, were planted completely around the quarters with the hope that they will serve as an effective windbreak in a year or two.

Prestone was placed in all water cooled equipment during the month.

Page 2, Prahos Herr. Eye., Nov. 1947.

COOPERATIVE CONSERVATION ACTIVITIES: Grand County started construction of approach roads to the county's Sunset and Ivory Furnace ferries on November 8th. To date 3 miles of this road, to the Salt Gorge, has been rerolled with a bulldozer. The first 1.5 miles has all asphalts installed and is ready for finishing with a topcoat. Next week work will start on the road through Salt Valley to the Devil's Garden.

County Commissioner L. L. Taylor informed us that the 8th State Road Commission were seriously contemplating the spending of $7500.00 to improve the 6½ miles of approach road from the highway to the boundary in the Hindoo section. They have asked the county to furnish the equipment and perform the work.

NATIONAL PARK SERVICE VISITORS: Lieutenant Arnold Allman arrived on the monument on November 1st and the 3rd and 4th were spent in flagging the first two miles of road to the Devil's Garden and Ivory Furnace. On November 5th he drove on to Thompson, then to Vale Valley on a new jeep trail after which he departed for Santa Fe.

Road Maintenance Engineer Miller of Washington office and Regional Road Maintenance Engineer Bradley visited the area on November 7th and the pressing problem of maintenance of our roads was discussed with them.

ACQUISITIONS: Delivery was received on a 1947 Dodge pickup truck on November 1st, to replace the veteran 1937 Chevrolet Coupe Pickup. It is quite a coincidence to have a new truck to break in, the first in my 14 years with the Service.

PERSONAL VISITORS: On November 14th County Commissioner L. L. Taylor and wife visited Mr. Thomas Kilcannon at Dairy Home, Utah to discuss the purchase of the 160 acre Turnbow Homestead, only private land in the monument. An option was obtained from him in favor of the Service and this was subscribed, with no appraisal, for action by the Director.

MONUMENT VISITORS: Mr. Jean Clark, vertebrate paleontologist of the Carnegie Museum and his field assistant A. P. Lewis arrived in Moab on November 22nd. They are making a reconnaissance survey of the Chinle formation for vertebrate fossils and will spend a week or 10 days in the vicinity of Moab.

MAINTENANCE: Small trees, downed by several Moab residents, were planted immediately around the pasture with the hope that they will serve as an effective windbreak in a year or two.

Pipeline was placed in all water heated equipment during the month.

Repairs were made to the water lines at the office to protect them from freezing weather.

Work continued during the month on new signs for the roads and trails.

ROADS: The Windows section road has been in fair condition the entire month. No maintenance work has been done by the state during this time. Work has been carried on all month on the 2.6 miles inside the boundary and we are gradually getting it in shape with a stake truck and a no. 2 shovel.

The Salt Valley road to the Devil's Garden and Delicate Arch has been in very poor shape but several parties have made the trip to these sections despite bad roads.

NATURAL BRIDGES NATIONAL MONUMENT: An inspection trip was made at this area on November 29th, at which time most of the equipment was removed to Arches for the winter. The trails were found to be in fair shape despite the heavy storms and the approach road was in good condition. A trip was made to Kachina Bridge and Wiley's "Atomic Rock" via the White Canyon road. That portion of the White Canyon road, over which we travelled, was in very poor shape and Redd advised me that the entire distance to the Colorado River is badly washed out.

Russell L. Mahan

Russell L. Mahan
Custodian

(in trip.)

Mrs. R. Brian Parr, Mpls., Minn. Dear Mrs.

Inquiry was made to the motor lines at the office to
prevent them from freezing overnight.

Very sentiment during the month on our sales for the
remain and Emilie.

POWER: The Winter weather road has been in fair condition the entire
month. No interruptions have been done by the steam during this time.
Work has been carried on all month on the A.S allies Inside the boundary
and we are presently feeding it in steps still a stable trend and a re-
S shovel.

The Main Valley road to the Devil's Garden and Bellaire Area has
been in very fine shape but several parties have made the trip to these
sections Sunday and Monday.

RURAL MINOR WATCHES MOVEMENT: An inspection trip was made at this
area on November 20th, at which time most of the equipment was removed to
Arslene for the winter. The trails were found to be in fair shape despite to
heavy storm and the ground was in good condition. A trip was made
to Kenton Trail and Hilary's Woods Road to the Twin Canyon road. That
portion of the Twin Canyon road, over which we traveled, was in very poor
shape and Ned advised me that the entire distance to the Columbia River
is badly washed out.

Yours truly,

Russell L. Wren
Custodian

(In trip.)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
AZTEC RUINS NATIONAL MONUMENT
AZTEC, NEW MEXICO

24 November 1947

MEMORANDUM for The Regional Director,
Region Three, National Park Service.

There follows the report of activities in Aztec Ruins for November 1947.

Weather. Colder weather with snow and sleet has held back visitation. We have experienced considerable sub-freezing weather with a low of 11 above.

MAINTENANCE. Both the great kiva and the museum buildings' roofs have developed leaks which were repaired. Drains for the parking area were quite thorely cleaned of roots and other accumulations. Three additional lengths of 30 inch concrete pipe were purchased and hauled from Farmington for use in the new manholes of the drainage ditch. These will be placed during December, just as soon as the ground is frozen so a derrick truck may operate.

SPECIAL ACTIVITIES. Gordon Vivian's crew from Chaco Canyon worked Nov 3-7, uncovering the small covered Kiva "E", for repairs to the roof. The Custodian presented the colored film, "Big Bend" to the local Parent-Teachers Association Nov 12, and on Nov 21 presented the films to the science classes of the High School.

INSPECTIONS. Charlie Steen inspected the work on the covered kiva "E" Nov 5, and Paul Balch was in for willows to be planted at Chaco and Canyon de Chelly in stream control work.

INVESTIGATIONS OF BOUNDARY CHANGE. The deed from Clyde Hubbard to The Southwest Monuments Association and the deed from them to the US Government were recorded in the San Juan Co. Court House 1 November 1947. This concerns the acquisition of the Hubbard Mound as an addition to the Monument.

INCREASE IN TRAVEL. There were 553 visitors in 179 cars from 29 states, Wash. D.C., Alaska and Guam. This is an increase of approximately 39% over travel for November last year.

Interpretive Services. There were 535 visitors in 88 parties conducted thru the ruins and 553 people in 153 groups shown the museum.

Irving D. Townsend,
Custodian.

in triplicate

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

AZTEC RUINS NATIONAL MONUMENT

AZTEC, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

November 29, 1947.

MEMORANDUM for the Regional Director, Region Three.

There follows a report of the activities at Bandelier National Monument for the month of November 1947.

Weather

The beautiful weather of October continuing on a slightly cooler scale through the first half of November stimulated travel over 50% for the entire month. Storms throughout the remainder of the month caused a low of one degree above zero on November 24 and a total of 0.74 inches of moisture. Snow reached a depth of seven inches on the level on the 23rd. The maximum temperature was 76 on October 28.

Roads and Trails

The approach road is in better condition now than it has been for some time except for snow on Ancho Hill. The road was bladed just before the heavier snows fell and now contains enough moisture to keep it in good condition. Little difficulty was encountered in opening the road after the snowfall. Almost two weeks work was spent by the road crew on building stone headwalls below the dips and improving the drainage of the road.

The preliminary survey for realignment of the approach road was begun during the month by the Public Roads Administration beginning at the detached Otowi section and working towards headquarters. Only part of the road is to be surveyed at this time with the remainder to be done in the spring.

Cooperating Non-governmental Agencies

Approval has been received from the Director for the Adams State College, Alamosa, Colorado to conduct an archeological field session in the monument during the summer of 1948. During the session an archeological survey and test excavations will be conducted on the Pajarito Plateau and a small pueblo ruin near monument headquarters will be excavated.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

Travel

The travel for November this year showed an increase of 50% over that for the same period last year. This increase occurred during the first half of the month for there were three days with no visitors and four more days with not over two cars during the stormy latter half of the month. Taking care of the 733 visitors added to the other duties such as patrolling during the hunting season, stabilization of ruins etc. made November a busy month for all personnel.

Visitors

National Park Service visitors during the month were Assistant Regional Director Davis, Regional Forester Carlson, Archeologist Steen, and Custodian Bill Bowen of Gran Quivira. Foreign visitors consisted of one from Barcelona, Spain.

Stabilization

Stabilization work for the month resulted in cleaning walls for packing and testing the foundations of 21 rooms. Room drawings for the first fifty rooms stabilized were completed. 40 man days were spent on stabilization.

Protection

Special patrols were maintained over all sections of the monument during the deer hunting season November 10 to 21. Fewer hunters than we had anticipated were encountered in the areas surrounding the monument and hunting was poorer than last year due to the dry weather. No violations of either the state laws or National Park Service regulations were detected.

Posting of the boundary along the north rim of Frijoles Canyon was finished before the opening of the hunting season.

Regional Forester Carlson made an inspection both sections of the monument for forest insect infestations. Some infestation was found but it is not serious enough at present to necessitate control measures although if it continues to spread some control will have to be started.

Concessioner

The proposed rates for the 1948 season forwarded to the Director through channels by Mrs. Frey, Manager of Frijoles Canyon Lodge, were basically the same as for the 1947 season except for a few minor justifiable raises.

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Utilities

Verbal confirmation was received from the Atomic Energy Commission that the necessary arrangements have been completed with the telephone company to enable us to connect with the Mountain States Telephone Company line in the vicinity of the Otowi Section, thus solving our communications problem.

Personnel

Simon Joseph Thomas has been terminated as WAE Guide until his services are needed next spring.

Fred W. Binnewies,
Custodian.


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Canyon de Chelly National Monument
Chinle, Arizona

November 25, 1947

MEMORANDUM for the Regional Director, Region three.

The following is a report on activities at Canyon de Chelly National Monument during the month of November, 1947.

Weather Conditions

Winter weather set in in earnest with a Snow Storm on November 17 with a small flurry every night for about a week. This brought us a total of around six inches at headquarters with over a foot at Spider Rock. Weather has been much colder than for the last six years with a minimum temperature of five degrees. November 1 was our warmest day with a Maximum of 78 degrees but for the last ten days the temperature has not gone above 58, with minimum temperatures ranging between five and fifteen above. A total of .82 Inches of snow and rain moisture was registered

Administration

Although relatively small amount of time was spent in the office, most of our work is up to date. Pictures and information for the publicity story on our mummified turkey were submitted. Employment papers for workers on Soil and moisture and road repair projects were submitted.

Maintenance

The greater part of the Custodian's time has been spent in maintenance and repair work this month. A Buzz Saw was borrowed and our winter supply of fireplace wood was cut and hauled. The white house trail was repaired and 25 man days were put in on hauling dirt and repairing the road to Chinle. This road has been impassable during and after heavy rains and it has been necessary to detour travel out into the wash. Drainage ditches were dug and approximately 45 yards of gravel and sand were dumped in the holes with about that much more needed to make it passable all winter. Due to adverse weather conditions maintenance and repair of equipment used in the canyons on the planting job takes considerable time.

Soil and Moisture

The S&M planting project got underway on November 14 with the cutting of cottonwood poles for the spiders. Living willow cuttings were hauled from Aztec in the S&M stake truck by Mr. Baish and Joe Cly. Work at Antelope house was started on the 17th and construction and planting of peachleaf willow was finished on the 21st. The crew has started work on construction of Spiders at White house but due to the adverse weather conditions are a little behind schedule.

Report to City Council Members
Cedar, Arizona

December 15, 1947

SUBJECT: Report for the Regional Director, Region Three.

The following is a report on activities at Empire in Cedar National Monument during the month of December, 1947.

Weather Conditions

Weather conditions were not in the extreme all in December 17 with a small flurry every eight for about a week. This brought on a total of around six inches at Southwestern rim over a foot at Spider Rock. Weather has been much colder than for the last six years with a minimum temperature of five degrees. December 1 was the warmest day with a reading of 72 degrees. But for the last ten days the temperature has not gone above 32, with minimum temperatures ranging between five and fifteen above. A total of .83 inches of snow and rain melting the registered

Administration

Although relatively small amounts of time was spent in the office, most of our work is up in Spring. Visitors and information for the publicity story on our monthly tours were collected. Employment papers for workers on fall and welcome and road repair projects were submitted.

Maintenance

The greater part of the Superintendent's time has been spent in maintenance and repair work this month. A fire was lumbered and new chimney of fireplace wood was cut and hauled. The white house trail was repaired and 10 new steps put in on leading dirt and replacing the road in Cedar. This road has been improved during and after heavy rains and it has been necessary to destroy tunnel and ruts the work. Trenches dittoes were dug and approximately 50 yards of gravel and sand were dumped in the holes with about four men working to make it passable all winter. In the autumn on the Cliffside path taken considerable time to stones resting retaining walls and repair of equipment and

Fire and Utilities

The fire fighting apparatus was necessary on December 14 at 11 the cutting of cottonwood poles for the cabins. Thirty willow switches were hauled from Lake in the Fall picnic ground by Cr. Bob and Joe City. Work at Antelope house was started on the 12th and construction and finishing of permanent willow was finished on the 22nd. The area has smoked much on construction of Shelters at 10 to 12 hours but due to the strong weather conditions and a little verbal violence.

N.P.S. Visitors

Archeologist Charlie Steen was in November 6 and 7th looking over Stabilization needs at White house and other ruins. Regional Soil Conservationist Saleh arrived November 14 and was here intermittantly until November 19 going over the SCS project and hauling post cuttings from Aztec.

Travel

Road and weather conditions combined to make travel disagreeable during the greater part of the month but there were fifty visitors which is a sizeable increase over the 26 registered last year.

General

Mr. Nowar Rodakiewicz and party of Artkraft Film Producers Inc. visited the area in order to take pictures for incorporation into a film on the Southwest which they were making for the U.S. Department of State. Weather conditions prevented their taking pictures.

Government Publications on hand.

2000 Two-fold leaflets on Canyon de Chelly Were received during month.

Two Fold Leaflets	1975
Glimpses of our National Pks	20
Map Folders, SWNM.....	140
Mimeographed leaflets.....	400
Map Folder No.6////.....	300

Meredith M. Guillet
Custodian

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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
SOUTHWESTERN NATIONAL MONUMENTS
COOLIDGE, ARIZONA

ADDRESS REPLY TO
THE SUPERINTENDENT

Capulin New Mexico

Memorandum for the Regional Director
Region Three, National Park Service,
Santa Fe, New Mexico,

There follows a report of the activities in and around Capulin Mountain National Monument, for the Month of November 1947.

About fifteen hundred visitors this month bringing total travel year to date to four thousand five hundred, and total travel fiscal year to date to twenty four thousand,

None of the Park Service officials were visitors during the month and no special visitors of Note,

Porcupines are again invading the Monument and from all appearances they have come in numbers and will necessarily need thinning, This fall they are attacking the large pines on the west border of the Monument and are already doing considerable damage, The Custodian will make a thorough inspection this coming week and decide on such control methods are deemed advisable.

Another warm air vent has been discovered near the base of the volcano. this one is on the north west side of the Mountain just off the reserve This warm air comes from a large vent or crack in a lava bed and is just warm enough to prevent any snow from staying within ten feet of the vent, on cold days on can see this for some hundred yards or more steaming. I have not tested this one yet but believe it to be about 50F,

This week the Custodian together with a County grader have been overhauling the approach road from Highway 64 to the Monument line, this is needed very badly and we are doing a good job of it I hope to be able to get the State to gravel this portion,

Weather has been mighty fine nearly all month but the last week has given us a couple of four inch snows which was appreciated very much,

Roads are in splendid condition in the Monument,

Very Respectfully,
Homer J Ferr,

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

November 25, 1947

MEMORANDUM for the Regional Director,
Region Three.

There follows the narrative report for Casa Grande National Monument for November, 1947.

General: The big item of interest is that on Nov. 23, 1947 the biggest total of ticket sales and the most visitors to the Ruin, since admission was charged, was recorded at this monument. 300 paid admissions. 3 tax charges, and 41 children under 12; totaling 344, were taken through the Casa Grande. Beside this there were 100 people who looked over the area, but did not make the guided trip. The big total was due mainly due to the "Don's Trek" , which brought in 175. The write up from the Arizona Republic is attatched. The "Dons" are an orginization sponsered by the Phoenix Junior Chamber of Commerce, which every Sunday during the winter season , takes a group of visitors to some point of interest in the Valley.

Weather: Although everybody says this is the coldest winter so far and this is going to be like 1940, the facts from figures don't carry this out. Actually to date Nov. 1946 was colder. Nov. 1947's maximum was 92, with a minimum of 23 being registered. .78 inches of rain fell.

Visitors: November 1947 : 3536; November 1946 : 3058. Travel year to date 1947 : 5620; Travel year to date 1946 : 5111. An increase which is routine now is reported and one begins to wonder just what the ceiling is on visitor use by the public.

Interpretive Service: Of the 3536 visitors to the area, 2333 made the Ruins trip in 194 trips, averaging 50.2 minutes. 2029 made the museum trip in 164 trips spending 24.7 minutes per trip. 1203 people came into the area but did not make the Ruins trip. Interest in the area is very high as shown by the length of the Ruins trip.

Maintenance: Ditches on both sides of the entrance road are being cleaned out and regraded. One coat of paint was given to the bathroom in quarters # 2-5. Cement bases were poured for propane tanks at the laundry and two residences. All roofs in the resedential area were checked for leaks and sealed with mastic.

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NATIONAL PARK SERVICE

Administration: The map case is in process of being worked over maps catalogued, and placed back in the files.

Trips Taken: Mechanic Stonehocker made one trip to Saguaro National Monument to repair light plants and check over other equipment. He left here on the 17th. returning on the 19th.

Personnel: Ranger and Mrs. Schuft announce the arrival of a son, Thomas Peter: Weight; 8 lbs. 12 Ounces. He was born Nov. 8 at 4:20 A. M. at the Florence hospital. Mother and baby are now back on the monument and getting along fine.

N. P. S. Visitors and Visitors of Note: Dr. J. R. Mahaney, Legislative Reference Service Library of Congress, Washington, D. C., Special investigator, checking into the water situation for Congress, was an interested visitor. Rev. L.V.S. Kaufman, Missionary to Papago tribe and amatuer Archeologist; Mrs. Emma Mackett, Papago Interpreter, and Mrs. Lena Mendez, Paiute Indian, all of Sells, Arizona, were in and added much to the early history of the area.

Newspaper & Magazine Articles: Arizona Republic had an article on the Jon's trek to the Ruins with several good pictures. The November issue of "Holiday" was all on Arizona.

A. T. Bicknell,
Custodian.

Respectfully,

A. T. Hibbard,
Postmaster.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Chaco Canyon NATIONAL MONUMENT

Bloomfield, New Mexico

November 24, 19 47

MEMORANDUM for the Regional Director, Region Three,
National Park Service.

There follows the report of activities in Chaco Canyon National Monument for the month of November, 1947.

There were thirty-three persons visited Chaco Canyon this past month. All thirty-three persons took a trip through the ruins, and formed fourteen parties. Nineteen persons formed five interested museum parties. Total time spent by the custodian was nineteen hours and fifty-five minutes. There were thirty-two paid admissions, and one tax only child. The visitors came in 10 automobiles from the states of:- Arizona 1 car, 2 visitors; California - 2 cars, 6 visitors; Colorado - 4 cars, 13 visitors; Kansas - 1 car, 5 visitors, and New Mexico - 2 cars, 7 visitors.

The coldest this month was 12 degrees on the 15th, and the warmest was 75 degrees Fahrenheit on the 1st of November. The precipitation amounted to .12 of an inch.

This month, as usual, we have been as busy as beavers, but this month, we have something to show for it. At long last, the cattle guard has been welded, and thanks to everybody, including Bill Guillet, it is one of the smoothest cattle guards in this section of the country.

A still higher addition was built on the chimney at the residence to make the draft better. Now, when one opens the stove door to put in a lighted match, the draft not only takes the match but almost takes oneself up the chimney!!! Also, the house has been repointed, a job that has been neglected, through no one's carelessness, for a number of years. It not only aids the appearance of the house, but the house is warmer and will last longer.

Last month, a four thousand gallon water tank was brought in from Grand

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NATIONAL PARK SERVICE

NATIONAL MONUMENT

Canyon National Park. This month, a base was excavated for it on the talus slope near Pueblo Bonito. The tank was then hauled in pieces by hand up the incline and put together. There were something like seven or eight hundred bolts, nuts and washers. It is a wonderful looking tank, and is ready for connection, but we may defer that until next spring because of the possibility of leaks, which may develop at first, wetting the ground and causing the main line to freeze this winter. The water pump has arrived, but has not yet been installed.

Several trips were taken to nearby towns and one to Santa Fe by Monument personnel. The custodian made a trip to Gallup, early in the month, to take delivery of a new 4-speed-transmission Dodge pickup, and a few days later went back to have some adjustments made on the truck. A trip was made to Farmington to pick up propane; on the same trip, the old pickup was taken to Aztec Ruins National Monument for the Soil and Moisture crew. Several loads of cement and sand were hauled in. Archaeologist Vivian went to Santa Fe to take delivery of a new International pickup.

We got hold of some cable, and placed the four large culvert sections (forming two complete culverts) in position, put the collars on, clamped on the cable, clamped the other end of the cable to a huge rock, built a wall of rock, brush and wire mesh adjacent to the culvert on the upstream side, and covered them over. It is hoped that the next heavy rain will not wash the two tons of culvert a quarter of a mile down stream as was done with the one culvert, weighing one ton, last summer.

The heavy rain of last month washed a gash in one of our minor roads that was roughly ten feet deep and twenty feet across. It was necessary to dig a new crossing of the arroyo, and relocate the road for about an eighth of a mile in distance. This job was completed.

The fence job was practically completed with the welding of the cattle guard, mentioned earlier, the closing of the water gaps and the fencing off of the mesa top this month.

Now, the planting program is in full swing. Yesterday, a truck load of post size willows was brought in at noon. Most of the large ones were in the ground by nightfall. The men are working well despite the ground, which has several inches of top crust frozen.

The National Park Service visitors this month included Paul Balch, who was in several times on Soil and Moisture problems, and Charlie Steen.

The Trader reports that he is steadily selling more merchandise to more Navajos. He is making necessary minor repairs on his buildings, and purchasing supplies before winter sets in in earnest.

Projects for the ensuing months:- install the water pump, take inventory, finish the planting program, etc.

At the end of the month, there were on hand:-

Free two-fold leaflets on Chaco Canyon, approximately.....8312
National Park Location, map number 6,....."..... 322

There follows the report of Archaeologist Gordon Vivian.

Irving McNeil, Jr.
Custodian

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL MONUMENT

Chaco Canyon National Monument
Bloomfield, New Mexico
November 24, 1947 19

MEMORANDUM for the Custodian,
Chaco Canyon National Monument.

There follows the report of Mobile Unit activites in your area for the month of November, 1947

GENERAL:

Two trips were taken this month by Mobile Unit personnel. Foreman Rixey spent the week of Nov. 2nd at Aztec Ruins removing the cribbed roofing from the small kiva in the plaza. He encountered considerable difficulty since it was cold and windy and part of the time only two out of his crew of six came to work. His other troubles came from the roofing itself. Half of the cribwork was spiked and toe-nailed together and the remainder was held in place by large boulders. It was all taken out and the cribbing stacked up to dry. He reports that about half of the logs will have to be replaced.

Archeologist Vivian made a trip to Santa Fe to pick up a new truck. On the return trip the Safeway steel scaffolding and two tires were loaded in Albuquerque.

Al so recieved this month was a new typewriter and a Crown tripod.

The Chevrolet dump truck was taken to Gallup for repairs on the 19th and returned the 22nd. Part of the cement recieved on the last contract has been hauled and the remainder will be brought out this week.

Some labor was furnished the Monument toward the installation of the new 4000 gal. water tank and repair of the chimney on the Custodian's residence. At this writing the new Monument water pump is being installed b y foreman Rixey.

CHETRO KETL

During the middle of the month Paul Balch of the Regional office ran a series of levels north and east of Chetro Ketl as a basis for improving the drainage there. It appears from this survey that the principal work involved will be the deepening of the present arroyo channel to remove accumulated silt and the construction of a low dam to confine the runoff to this channel.

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NATIONAL PARK SERVICE

NATIONAL MONUMENT

In the west end of the damaged section of Chetro Ketl repair has centered ∦ around the remaining high walls in and close to room 61. Here three large patches were placed in the foundations of 61 itself and a break in the north wall is being filled at present. The dividing wall between 60 and 65 has been partially rebuilt to provide support for the exterior wall and a two story section of 64.

The east and west walls of 58 and the partition wall between 58/ 55 have been raised a little over one story as a brace between the north exterior wall and those holding back fill around Kiva J. Due to shortage of cement these walls were not capped nor was that between 60/65; this final work here is being held till warmer weather.

Also in the western half a break was filled in room 47 north.

A small amount of additional clean-up was done in 56 and 48. Soil piled outside the north wall was removed and all stone has been moved back from the outside wall.

At the east side work has centered around providing support for the superimposed kivas ~~G~~/H. The south wall of rooms 39 and 40 are being relaid in order to hold back the fill around the two kivas. As braces for this wall the partition walls of 39/40 and the west wall of 41 are also being raised. All of this work is in reinforced concrete and some trouble is had i n protecting it from freezing.

Back on the west side, a surprising find was made November 6th when clearing out the upper levels of some debris to relieve pressure on the north wall and ajdecent rooms excavated to a depth of nearly three stories. Mixed with a fallen ceiling were numerous small painted boards which appear to have been either portions of tablitas and dance paraphernalia or parts of an altar set-up. Most are well preserved but rather dirty.

Also recovered from a slumped area in 57 were additional pine boards. These show remarkable workmanship and finish; they range from pieces about 1 x 10 to 2 x 8 and in length from 1 to 4 feet. The total recovered from fallen areas is now 13. They have been cleaned, treated with preservative and placed in the museum.

Gordon Vivian
Archeologist

In the west end of the garage kitchen of Unit 1 has recently been enlarged & moved the remaining 10ft wall is set above to room 63. Here three large patches were placed in the foundations of 61 itself and a crack in the north wall is being filled at present. The existing wall between 62 and 63 has been partially to provide support for the exterior wall and a two story addition of 62.

The east and west walls of 59 and the partition wall between 58/ 61 have been raised a little over one story as a break between the north existing wall and three existing beam fill around fire 6. Due to shortage of cement these walls were not capped nor was that between 58/63; this final step is taking with all mortar weather.

Also in the western half a break was filled in room 47 north.

A small quantity of additional clean-up was done in 58 and 59. Unit called outside the north wall was removed and all stone has been moved back from the outside wall.

At the east side work has centered around providing support for the superimposed floor 8/9. The posts walls of rooms 71 and 80 are being relaid in brick-like fill around the two floors. In order to brace the wall the partition walls at 70/5 and the west wall of 81 are also being raised. All of this work is to reinforced concrete and some brick is laid & presently it from foundation.

Down on the west side, a contractor filed was made Saturday 8/5 when clearing out the upper level of some debris. In various pressure on the mezza wall and although rooms excavated to a depth of nearly three stories. Piled with a fairly uniform layer of rubble and debris which appears to have been either portions of buildings demolished or torn up in other sub-fill. Most are well preserved but rather dirty.

Unit received from a dumped area in 57 some additional glass mosaic. These show remarkable workmanship and fidelity that range from plates about 1 x 11 to 1 x 4 but is larger than 3 to 1 foot. The total recovered from fallen area is now 32. They have been cleaned, treated with preservative and placed in the museum.

Gordon Ekholm
Archaeologist

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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

~~CHIRICAHUA~~ NATIONAL MONUMENT

~~Dos Cabezos, Ariz.~~

November 28, 19 47

...ssary for the Regional Director, Region Three.

Following is a report of activities at Chiricahua National Monument for November.

General. The custodian went to Chicago on annual leave October 23 and returned November 4. Since returning he has been on sick leave most of the time. Operator, General, Varble has been managing the monument during the custodians absence and sickness. After two or three more treatments for sciatica, the custodian hopes to be back on the job permanently. Due to the above circumstances, this report covers the period from October 22 to November 27.

Our new International pickup was thankfully received and the old panel wagon was turned over to the purchasers in Phoenix.

Weather Conditions. The first snow storms of the season fell this month and the thermometer went down to 18. This is considered about the minimum for winter weather here. These storms slowed travel down for a few days but weather is good again and travel is picking up.

Inspections. Forester and Mrs. Metcliff visited the monument on November 18. Unfortunately the custodian was on sick leave at the time and unable to show him around the monument. The Douglas fir beetle infestations were inspected by Mr. Metcliff.

Approaches to Monument. Approach roads are in fairly good shape at this time.

Work is starting on the grading and blacktopping of State Highway 181 from U. S. Highway 666 to the monument boundary. When this 26 miles is surfaced visitors can come all the way to Chiricahua on the oil. Newspaper reports say it is planned to have this job done by next May or June. If the work is completed by then we can look for a large increase in travel to Chiricahua within the next year or two.

Concessioners. Chiricahua has no concessioner for meals and lodging. For this reason the status of the Silver Spur Guest Ranch, which is one fourth mile from Monument Headquarters on private land, is of primary interest and importance to the monument. This ranch was closed down the last of August for a change of management and remained closed until November

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

NATIONAL MONUMENT

8. On this date it was reopened under new management. Mrs. Edna Hallitz is in immediate charge. A number of monument visitors have stopped there for meals and all reports say the food is good and that a very friendly spirit prevails. The new management has a very friendly and cooperative attitude toward the Park Service and a visit by the custodian and wife showed the accommodations to be clean and minor improvements are being made to make the rooms more livable.

Interpretive Service. Due to the absence of the custodian little interpretive work was possible. 682 visitors in 185 parties were contacted in the museum.

Travel. 890 visitors were recorded this month and a few were undoubtedly missed. This makes 1641 for the first two months of the travel year as compared with 1487 for the same time last year.

Wildlife. A coati was killed by a pair of dogs on the National Forest about a mile south of the monument. This interesting Mexican animal has been reported previously in the Chiricahua Mountains and it is interesting to find one so close to the monument. The owner of the dogs gave the animal to Operator Marble's boys who are amateur taxidermists.

Clair V. Cooke

Clair V. Cooke,
Custodian.

Claire V. Carter,
Secretary.

GRAN QUIVIRA

GRAN QUIVIRA, NEW MEXICO

NOVEMBER 30 47

MEMORANDUM for the Regional Director, Region Three.

The following is a report of activities at Gran Quivira National Monument for the Month of November, 1947.

General. November 5 to 8 inclusive were spent in the Regional Office. Much valuable training was received from the department heads. Plans and problems of Gran Quivira were discussed with regional personnel.

The custodian was on annual leave November 11 to 30 inclusive. Lois Kite, local rancher did an excellent job as caretaker during my absence.

Weather Conditions. Weather for the month has been rather spotty with snow and rain totalling 0.49 inches of moisture. The maximum temperature recorded was 68° on November 2; minimum 13° on November 22.

Special Activities. While on annual leave the custodian gave three kodachrome talks; one to the New Liberty Community Club, Mack, Colorado, and two to the Loma Grade School, Loma, Colorado. Attendance totalled 150.

Maintenance. On November 5 the U. S. Forest Service graded the Monument entrance road. They did an excellent job of pulling the ditches and crowning the road. The gravel surface has, however, broken through in several places and it will be necessary to have several loads of gravel hauled in the near future.

P.C.P. sheets for repair and rehabilitation of quarters and facilities were prepared and submitted during the month.

A 2-wheel trailer chassis was secured from surplus at Bandelier National Monument. When time allows for the completion of the body, the water and wood hauling problem should be alleviated somewhat.

Approaches to Monument Area. Preparation for oiling 8 miles of State Highway 10 from Mountainair is complete and work should start within a week or two. Moving of 8 miles of telephone line off of the right- of-way will begin December 1, with the custodian contributing his time in lieu of money.

Interpretive Service. Due to my absence during most of the month, interpretive service was not too good. The same is expected during December while the telephone line is being moved. In November 19 parties totalling 52 visitors were conducted through the Mission. Average trip time, 56 minutes.

Increase or Decrease in Travel. Visitors for November as indicated below show a slight increase over the same month last year:

November, 1947	Cars	31	Passengers	82
November, 1946	Cars	28	Passengers	71
Difference		3		11
Percent		11% increase		15% increase

Forest Fire Protection. One non-reportable grass fire on November 3, cleaned off a part of the Indian Ruins in front of the Mission. Evidently a tourist dropped a cigarette along the path. Grass growth around the ruins constitutes a considerable fire hazard.

Publications Report. 450 Gran Quivira two-fold leaflets are on hand. No other free publications are on hand at this Monument.

William L. Bowen,
Custodian.


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UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

GREAT SAND DUNES NATIONAL MONUMENT

MOSCA, COLORADO

November 26, 1947

MEMORANDUM for the Regional Director,
Region Three.

There follows the report of activities in Great Sand Dunes National Monument for November, 1947.

WEATHER. Winter has arrived in the San Luis Valley, comprising of exceptionally cold weather for this time of the year and of course, snow. Snow fell at headquarters on November 3, 6, 12, 17, 19, 20, 21 and 22. At present writing there is about one-half inch on the ground. On November 19 snow measured two inches.

Alamosa, Colorado had the dubious distinction of being the coldest spot in the U.S.A., on November 6, with a tempterature of 4 below. Average temperature at headquarters has ranged from zero to about 40 degrees F. The Sangre de Cristo range is covered with snow and is very spectacular. The sand dunes have been covered with several snows, but sun and wind soon remove the light covering.

TRAVEL. Three hundred ninty-nine visitors in one hundred twenty-four cars, visited the sand dunes during this report period. Fifteen states and the District of Columbia were represented.

One hundred thirty-nine people used the camp and picnic area, and of these six camped (unexpectedly) over night.

INCREASE IN TRAVEL. For November, 1946, 24 cars and 85 visitors.

ROADS. The approach road received a surprise on November 26, when the State Highway bladed it - first time in over two months. The monument road to headquarters was also bladed. It is again in excellent condition.

COMPLAINTS. Fewer visitors, fewer complaints. The approach road received the most complaints. One car became stuck in the sand (see Special Activities).

N.P.S. VISITORS. Architect Saunders and Naturalist Sullivan spent November 4 at headquarters, going over PCP sheets and plans for future museum and interpretive development for the monument.

NEWSWORTHY VISITORS. Twenty students of the Geology Class of Western State College, Gunnison, Colorado on November 1.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

[illegible]

[illegible]

December 24, 1947

[illegible] for the Regional Director,
Region Three.

There follows the report of activities in Great Sand Dunes National Monument for November, 1947.

WEATHER. Winter has arrived in the San Luis Valley. Precipitation of every description and moisture for this time of the year was at normal, above. Snow fell at headquarters on November 3, 8, 12, 13, 21, 22, and 23. At present writing there is about one-half inch on the ground. On November 13 snow covered the ground.

ELEVEN. Visitors had the unique distinction of seeing the eclipse of the U.S.A., on November 8, with a temperature of 4 below. Average temperature at headquarters has ranged from zero to about 40 degrees F. The Sangre de Cristo range is covered with snow and is very spectacular. The sand dunes have been covered with several snows, but the wind soon removes the light covering.

TRAVEL. Three hundred sixty-nine visitors in one hundred twenty-four cars. Visited the sand dunes during this report period. Fifteen states and the District of Columbia were represented.

Two hundred thirty-nine people used the camp and picnic area, and of these six camped (unexpectedly) over night.

[illegible]. For November, 1947, 94 cars and 369 visitors.

[illegible]. The approach road received a surface on November 10, when the state highway blading it - first time in over two months. The monument road to headquarters was also bladed. It is again in excellent condition.

[illegible]. Four visitors, first Englishmen. The approach road received the most compliments. The car broke [illegible] in the sand [illegible] activities.

[illegible]. Architect Sanders and Specialist Sullivan spent November 4 at headquarters, going over [illegible] sheets for future museum and [illegible] development for the monument.

[illegible]. Yearly students of the Geology Class of Western State College, Gunnison, Colorado on November 1.

ACTIVITIES. Very few. Returned the Bandelier stake truck on October 29 and returned to Great Sand Dunes via Santa Fe on October 30. Several hours were spent at Region Three Office.

Mr. George Ziegler removed his cattle from his land on October 31.

Most of this report period has been spent lying on my back and taking sick leave. Sick leave was taken from October 27-28; November 2,3,5 thru the 29.

On October 24, when unloading the 950 gallon storage tank, I sprained my back, but didn't know it until the 27. The Doctor taped me up and said wait and see. The sciatic nerve in the right leg began to give terrific pain and on the 5 of November, the Doctor put me in the Alamosa hospital with fourteen pounds pulling the leg out straight. Remained there until November 11, and then returned to headquarters and bed again. Condition is much improved, but am weak in the legs and unable to pick up heavy objects.

As time and my legs permit, fuel oil and gasoline must be hauled from Alamosa, and the Dodge 4x2 must be taken to the Heide Garage for a new front spring and some welding. The water line will remain uncovered for the duration of the winter and it is sincerely hoped that it doesn't freeze up. It is hoped too, that the 950 gallon tank can be hooked up so as to have fuel oil for the winter.

SPECIAL ACTIVITIES. The HCWP found the house broken into on her return from the hospital on November 8 at 10:30 PM. The front door had one pane of glass smashed and also the office door. Upon investigation, she found a note and money on the dining room table. The note said a Vernon Van Winkle of Ransom, Kansas had broken into the house in search of a phone as he was stuck in the sand and scared to death. The wording of the note led her to believe he had extracted the car and had returned to leave money for the smashed windows. The following morning he appeared at 9 AM, and said his family - (wife, 2 year old daughter and 4 month old son) and two Monte Vista girls had spent the night in their car stuck in the sand. The baby had nothing to eat since 5 PM of the 8. He was desperate enough to break into the house to look for a phone, but had not enough sense to return with his party to warmth and food for the children. They spent a very uncomfortable night thru sheer stupidity.

The HCWP went up to rescue said party and found the car buried in sand about 100 feet past the "STOP" sign. They were brought down to the residence where food was given them and baby warmed up with milk. Van Winkle was taken to town where he could obtain help in getting his car out and party finally left the monument late in the afternoon. It is hoped that Great Sand Dunes does not again encounter the Van Winkles, and no doubt they never want to see the Sand Dunes again

PUBLICATIONS. There are on hand, 1738 mimeographed informational leaflets.

Ted C. Sowers,
Custodian.

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DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Montezuma Castle National Monument
Camp Verde, Arizona

November 24, 1947

MEMORANDUM for the Regional Director, Region Three.

There follows the monthly report of activities at Montezuma Castle National Monument for the month of November, 1947.

Visitors this month - Montezuma Castle - 1020; travel year - 2544.
Montezuma Well - 342; travel year - 793.

Administration As this is written Custodian and Mrs. Hastings and family are en route to Montrose, Colorado after being notified of the death of Mr. Hastings' mother the night of the 21st.

Archaeologist and Mrs. Schroeder and son are en route to New York for a month vacation. Mr. Schroeder maintained daily duty at the Well except for lieu days and as follows: Oct. 24 to Cottonwood and Prescott on official business, Nov. 11, holiday. He began annual leave at noon on November 18 to continue until December 19.

Although travel has dropped off rather sharply the last two weeks of the month visitor contact demanded the attention of at least one man full time. Cold and stormy weather, as usual, are undoubtedly responsible for the slack in travel. This month brought nearly a hundred more visitors than Nov. a year ago and nearly two hundred more than the same month in 1941. Interpretation service was maintained daily at the Castle and although the demand was not extremely heavy it was none the less continuous. No interpretive service was offered at the Well on November 11 in order to conserve funds. There was only one on guide duty at the Castle on that date.

Two Apache Indian laborers were started to work on October 29. Nineteen man days of labor have been expended on roads and trails at the Castle and ten man days at the Well.

Official car USDI 13829 was left at this monument for repairs by Dale King after the motor "froze" on November 16. It was returned to Dale at Flagstaff on November 22.

A load of picnic ground fire wood and a load of fire-place wood for the residences were hauled on the Custodian's lieu days.

Publicity Custodian Hastings gave a slide illustrated lecture on Montezuma Castle at a meeting of the Rotary Club in Clarkdale on Nov. 6.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Montezuma Castle National Monument
Camp Verde, Arizona

November 14, 1947

MEMORANDUM for the Regional Director, Region Three.

There follows the monthly report of activities at Montezuma Castle National Monument for the month of November, 1947.

Visitors this month - Montezuma Castle - 1,876; travel year - 21,241.
Montezuma Well - 748; travel year - 748.

Administration. As this is written Custodian and Mrs. Bentzin and family are en route to Montezuma, Colorado after being notified of the death of Mr. Bentzin's mother the night of the 13th.

Archaeologist Lee Tha, Volunteer aid and are en route to New York for a month vacation. Mr. Schroeder relinquished duty at the Well except for five days and is relieved Pat. 14 to Centennial and Pressott on official business, 17, Phillips. To begin annual leave 24 that or November 15 to continue until December 15.

Although several low dropped off rather abruptly the last two weeks of the month relative moisture conditions at both the Castle and Well than. Field and clerk worker, at least, are undoubtedly responsible for the slack in travel. This month brought nearly a hundred more visitors than for. a year ago and nearly two hundred more than the same month in 1941. Chairpretation activities was maintained daily at the Castle and although the demand was not extremely heavy it was above the last continuous. No interpretive service was offered at the Well as Tuesday it is order to conserve funds. There was only are on visits duty at the Castle on that date.

Two Apache Indian laborers were started to work on October 20. Standard wage of Labor have been suspended on trail and yards in the Castle and two men days at the Well.

Official car 2227 (1939) was left at this monument for repairs by Dale Flat Motor Co. "Texas" on November 12. It was returned to Dale at Flagstaff on November 21.

A load of plants (yucca fire wood and a load of fire-glass wood for the Visitors were INDIAN on the Quetalcoatl line days.

Publicity Custodian Bentzin gave a slide illustrated lecture on Montezuma Castle at a meeting of the Rotary Club in Clarkdale on Nov.

6.

Assistance was given photographer Ray Manley on Nov. 7 in securing a "different" view of the Castle Ruins. He plans to photograph all the Arizona monuments for National Geographic Magazine.

Weather Several stormy periods beset us this month. A light snow fell the night of the 22nd but was all gone within the hour. Several "killing" frosts have been experienced. The maximum temperature was 85° and the minimum was 21°. There was .60 inch precipitation.

Maintenance Loose "pea" gravel was gathered from the edges of the entrance road and used as a "blotter" for bitumuls in patching holes and rough areas in the paving. Encroaching brush along the sides of the entrance and picnic ground roads was cut back. Most of the picnic ground road was re-surfaced with gravel.

The refrigeration unit from the Westinghouse in residence 2 was taken to Prescott for adjusting.

The Castle pick-up was taken to Cottonwood for front wheel realigning.

The following was performed at the Well. Drainage ditches were dug on both sides of the road on the hill approaching the Well; two road culverts were cleaned out; a revetment was built to divert drainage from the county road away from the museum; dirt fill was removed from the lawn irrigation ditch and the prehistoric ditch; several loads of gravel were spread on the hill road approaching the Well; plumbing leading from the pump to the quarters was winterproofed; the pump was covered to prevent freezing and the water pipes in the house were drained; a small foot bridge was constructed over the ditch to the picnic grounds; a flagstone walk was laid in front of the museum and a similar one begun for the residence.

Vandals Vandals climbed over the locked boards on the ladder to the castle at noon one day. No serious damage could be noted but indications that they had been where they shouldn't was in evidence.

Southwest Monuments Association A set of wooden shelves was constructed in the publication storage and display case making the books more accessable.

Damaged books from two publishers were returned for replacement.

SWMA labels and postcards were placed in all publications for sale.

Total sales for the month came to $72.45. There was a shortage of $4.65 in the serv-ur-self sales.

N. P. S. Visitors Naturalist Dale King on a stormy November 16.

J. A. Gaustad from Grand Canyon on November 8 to the Well.

Interpretation & Research A long delayed project to bring the Castle museum catalog up to date was begun. Several accessions must be made and their appropriate notations in the catalog recorded.

Sixty seven artifacts at the Well were cataloged leaving around eighty still to be done. In the past six months over 100 species of birds have been recorded in the Well area. Archaeologist Schroeder reports recording a Southern Sinagua ball court, the only one so far known. The other three ball courts in the valley are associated with Hohokam like sites.

Use of Monument Facilities by Public Together the Castle and Well areas record1362 visitors for the month. No travel was recorded at the Well for the last six days of the period, however, because no one was on duty there. There was a total of 459 cars. Two hundred and forty four guide tickets were sold at the Castle; twenty complimentary admission tickets were issued; thirty six children were admitted free; and one member of the armed forces went through the ruins without charge.

Contact Time Total contact hours, 115.00; Hastings, 41.50; Leding, 73.50. Eighty trips were made through the ruins for 301 visitors. Five hundred twenty six people were contacted in the museum in 117 parties. Other interpretive and information service was extended to 158.

As an interesting side light, approximately one third of the total "on duty" time for the personnel at the Castle was spent on actual contact. The break down could be made thusly: 344 hours on duty (43 actual man days, two men); 115 hours actual contact; 272 hours devoted to contact duty (34 days of limited time when contact man-or men-must limit their work in order to remain on hand for contact). So it develops that well over two thirds of the time was "controlled", so to speak, by the interpretive program.

R. S. Leding

R. S. Leding,
Acting Custodian.

Interpretation & Research. A long delayed project to bring the Castle museum exhibit up to date was begun. Several accessions must be made and their appropriate notations in the catalog recorded.

Sixty seven exhibits at the Hall were catalogued leaving around eighty still to be done. In the past six months over 300 specimens or birds have been recorded in the Hall area. Archaeologist Schroeder reports recording a Southern Siouan burial mound, the only one so far known. The other three hall counts in the valley are associated with Siouan tribes.

Use of Museum Facilities by Public. Together the Castle and Hall areas recorded 1152 visitors for the month. No record was recorded of the Hall for the last six days of the period, however, because no one was on duty there. There was a total of 430 cars. The heated and forty four guide tickets were sold at the Castle; twenty seven complimentary admission tickets were issued; thirty six visitors were admitted free; and one member of the armed forces went through the rules without charge.

Conduct Thru Total counts here, 11&.0% section, 61.8% left. 15.8%. Eighty trips were made through the ruins for 301 visitors. Five hundred twenty six people were contacted in the museum in 117 parties. Other interpretive and information service was extended to 117.

As an interesting side light, approximately one third of the total "on duty" time for the personnel at the Castle was spent on actual counter. The break down would be with roughly 544 hours on duty (43 actual man days, two men); 112 hours actual combat; 117 hours devoted to counter duty (84 days of limited time when caters may-or maintenance field their work is over to permit on hand for contact). So it averages that well over two thirds of the time was "contacting", so to speak, by the interpretive program.

E. E. Lachica
Acting Custodian

NAVAJO NATIONAL MONUMENT
TONALEA, ARIZONA

Nov. 27, 1947

MEMORANDUM for the Director, Region Three

There follows a narrative report of activities in this area for the month of November 1947.

WEATHER: More cloudy than clear days and a bit of premature winter descended on us the 19th. By the 23rd we had 6 inches of accumulated snow. The temperature range was between 70 degrees and 12 degrees.

VISITORS: Only two parties of visitors reached this area this month. One of these parties was Photographer Ray Manley and his family who arrived while the Custodian was on annual leave.

ROADS: The snow has melted in all but the high and shaded areas and roads are passable and comparatively smooth.

The road sign for Cow Springs has been brought in for repairs and changes.

PROGRESS REPORT: Much dragging has whipped the entrance road into good shape.

We have finally obtained most all of the plumbing fittings required to install the 950 gallon gasoline tank. The only unavailable fitting is the tank-bushing (Bosch). We are going to cap this outlet and proceed to wire-brush both inside and outside of the tank. We have a specialized preparation for coating the outside of the tank and it's fittings and we will then bury the assembly.

GENERAL: The Custodian (with Ida and Father) took Annual Leave from Nov. 2 to Nov. 13th. A swell vacation was had including big fish at Guaymas, a conducted tour thru the new University of Sonora. At Hermosillo we also looked thru the unroofed old mission complete with a family living inside.

Upon our return to Flagstaff we learned that the new Dodge pickup had just come in. Disregarding our so-called days off we jumped in and got the pickup ready to serve on backroads. This new equipment helps us face the with with a feeling of security.

winter

J.W. Brewer, jr.,
Custodian

see post script

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see post script

NAVAJO NATIONAL MONUMENT
TONALEA, ARIZONA

P.S. We were expecting Bill and Kathryn Wilson over for Thanksgiving dinner--but on Thanksgiving Eve the Heflins of Shonto brought word (Phoned from Navajo Mountain) that Bill was sick and his wrangler was stuck out in the snow. Knowing the Navajo Mountain School was vacated for the holiday this condition might have been serious. So on Thanksgiving morning we started for the Lodge. Enroute we spent two hours digging the wrangler and Bill's car out of a snow-covered ditch--and proceeded to the Lodge. Bill is laid up with rheumatism and gets around only on crutches. The day was not without it a cheer because Ida had packed up the turkey and all the trimmings which Kathryn warmed up and served in the evening.


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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Organ Pipe Cactus NATIONAL MONUMENT

Ajo, Arizona

November 25, 1947

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities for Organ Pipe Cactus National Monument for the month of November, 1947.

WEATHER:
After a maximum of 90 on the 1st, November cooled to unusually cold days, usually in the 60's for the rest of the month. Low for the month was 32 degrees on the 22nd; however, nights were usually around 40. Four rains during the month totalled 1.31 inches precipitation.

TRAVEL:
While travel through the area is nearly normal, out of state visitor travel is below that of last year with fewer campers than we were having at this time a year ago. Reports promise that Arizona will have a bumper crop of tourists but reservations show a trend for the later winter months. Total travel for November through the area was 6,158, bringing the fiscal year to 12,749.

GENERAL:
Most spare time was spent on the rehabilitation of the ranger quarters with considerable time being allotted to supervision of S.& M. work and fence repairs.

The Soil and Moisture fencing project is coming along well with about five miles completed.

Communications Engineer Rowley spent November 14 on the area going over our communications and power problems.

Word has been received that our rehabilitation work on utilities has been approved and work on this project will be started this coming month.

Our new Dodge Pickup was received on the 19th and it is a relief to feel that we might get home without assistance when starting out through the area.

ACCIDENTS:
Two accidents occurred on the monument with one car killing a cow belonging to the grazing permittee, and the driver of the other car going to sleep and hitting a culvert. No persons were injured in the accidents, damage being confined to property.

PUBLICATIONS ON HAND:
Informational two-fold pamphlets, English version -- 12,000--Spanish-3400

William R. Supernaugh
Custodian

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL MONUMENT

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DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Saguaro National Monument
Tucson, Arizona

November 29, 1947.

MEMORANDUM for the Regional Director,
Region Three.

There follows the monthly NARRATIVE REPORT of activities at Saguaro National Monument for the month of November, 1947.

WEATHER. The early part of the month was cool or cold, with two weeks of cloudy days, and frequent light rains. Precipitation in the city of Tucson for the first ten months of this year totaled 4.26", as against an average of 9.76". The last week has been warm and sunny, with daily temperatures in the seventies. Snow on the mountains.

INSPECTIONS. Forester Ratcliff was here from November 9 to 14, for the purpose of making a range inspection of our four grazing allotments in company with personnel of the Coronado National Forest.

Communications Engineer Rowley, of the Director's office arrived on the 15th, to make a survey of radio equipment needs for the area.

MAINTENANCE. One and one-half miles of the "Grass Shack" trail was maintained during the period; emphasis is being placed on replacement of drainage structures. Only three man-days were spent on signs, so the current replacement program is still incomplete. Minor improvements were made at the old Cactus Ranger Station by installation of a sink, shelves, and a temporary canvas ceiling to render the building barely habitable. Frequent, almost constant, repairs were made to the water pump at Madrona Ranger Station in order to pump water hauled from town into the storage tanks. Mechanic Stonehocker spent three days overhauling the two 5-KW light plants at Madrona, and a smaller 350-W unit at the Cactus R.S. Six man-days were expended in gathering our mules and moving them from the Spud Rock pasture down to the vicinty of the Converse well for winter pasture; Packer Stansberry reported eight inches of snow at Manning Camp when they were up there on the 17th. Since the breakage of our home-made road drag last month, it has been impossible to maintain the Loop Road, and we are hoping for early delivery of the patrol grader recently ordered by the Region Three office. Fortunately, the road is still in fair condition.

APPROACH ROADS. Condition very bad, rapidly becoming worse, with the seasonal increase in traffic. Numerous complaints are received from visitors on this condition.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Saguaro National Monument
Tucson, Arizona

November 30, 1967.

Memorandum for the Regional Director,
Region Three.

There follows the monthly NARRATIVE REPORT of activities at Saguaro National Monument for the month of November, 1967.

WEATHER. The early part of the month was cool or cold, with two weeks of cloudy days, and frequent light rains. Precipitation in the city of Tucson for the first ten months of this year totaled 4.42", as against an average of 9.72". The last week has been warm and sunny, with daily temperatures in the seventies. Snow on the mountains.

VISITATION. Fourteen Rangers were here from November 3 to 14, for the purpose of making a range inventory of our land grazing allotments in company with personnel of the Coronado National Forest.

Conversations Engineer Bender, of the Director's office, visited on the 13th, to make a survey of trails equipment needs for the area.

MAINTENANCE. One and one-half miles of the "Bronco Bench" trail was reconstructed during the period; emphasis is being placed on replacement of drainage structures. Only three man-days were spent on signs, as the current replacement program is still incomplete. Public improvements made at the old Desert Museum Station by installation of a sign, gloves, and a temporary canvas ceiling to render the building usefully habitable. Propane, about overhead, propane were made by the water pump at Bronco Ranger Station to pump water during from time time into the storage tanks. Mechanic Thumbadoo spent three days overhauling the two 8-KW light plants at Bronco, and a similar 5KW unit at the Desert E.S. Fix man-days were expended in grubbing new mesquite and cactus from the road ditch perimeter fence in the vicinity of the Cactus well for winter pasture; Rodeo Stockmanship received eight inches of snow at Bronco Camp when they were up there on the 13th. Since the Service our home-made road drag last month, it has been implanted to maintain the Loop Road, and we are hoping for early delivery of the patrol grader presently ordered by the Regional Office. Hopefully, the road is still in fair condition.

VISITOR USAGE. Conditions very bad, really depressing every, with the usual increase in traffic. Numerous complaints are received from visitors on this occasion.

TRAVEL AND INTERPRETIVE SERVICES. Travel almost doubled this month, with 1620 visitors, in 465 cars, as against the 869 during October. This is also a decided increase over the travel of last November, when 960 persons visited Saguaro. Contacts have not kept pace with the increase of visitors, however, as only 277 persons, in 106 parties, were supplied with information at the Headquarters. Total time spent in contact work - 1495 minutes.

PERSONNEL AND RANGER SERVICE. Park Ranger James T. Fulton resigned, effective November 20, to transfer back to the Corps of Engineers, from which he had transferred to the Service a year ago. Laborer Lawrence D. Wilde, Jr. was appointed as Temporary Ranger, effective November 17, pending appointment of a permanent replacement for Mr. Fulton. Word was received that Maintenancemen Ollie O. Barney, Jr. had received probational appointment to this position, after 14 months service in temporary and temporary-indefinite classification. Mr. Frank Stansberry received temporary-indefinite appointment at the termination of his 30-day employment November 16.

The custodian took annual leave for the first week of the month, and on November 23 and 26.

POLICE PROTECTION. One arrest for violation of the no-hunting regulations was made during the month. The offender pleaded guilty in local Justice Court, and was fined $100. One other instance of illegal hunting within the monument was encountered, but the violators were not caught. Patrols were made only on week-ends and Holidays, since few indications of hunting during the week came to our notice.

ACCIDENTS. A building fire on the night of November 6 caused slight damage to the bunkhouse at Madrona Canyon. The kerosene-operated Superfex refrigerator which caused the fire is a total loss. Separate report of this fire has been made.

On November 19 our horse-trailer broke an axle on the road between Headquarters and Madrona R.S. Fortunately there were no animals being hauled at the time, and damage is slight, necessitating only replacement of the axle.

WATER SUPPLY. During all but the last week of the month it has been necessary to keep one man hauling water to Madrona R.S. With the creeek dry, and our storage tanks finally emptied, it became a race between our stock and the water truck to see which came out ahead at the end of each week. After over 5000 gallons had been hauled, the pot-holes in the creek-bed filled from a rain, and the animals lost. However, the creek water is unpotable, and it is still necessary to haul all drinking water from Tucson.

NEW EQUIPMENT. One International ½-ton Pickup truck was received on November 7.

Don W. Egermayer
Custodian.

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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Sunset Crater NATIONAL MONUMENT

Flagstaff, Arizona

November 30, 1947

MEMORANDUM for the Regional Director, Region Three.

There follows a report of the activities of Sunset Crater National Monument for the month of November, 1947.

Visitors this month: 770 Travel Year to date: 2780

Travel: Comparing registration for the month with that for November a year ago, it appears that travel has been about the same. 231 visitors registered for the month, in spite of the entrance road being impassable for about a week. The register indicates representatives from 13 different states as well as travelers from Hong Kong, China and Hyder, Alaska.

Weather: Frequent showers and light snows have been the order for November. Snow closed the entrance road for about a week preceding Thanksgiving. 3.50 inches of precipitation was recorded for the past three months.

Road: The approach and entrance road is in fair condition. Long stretches of the corduroy still persist. No maintenance work has been attempted this month. However with the moisture that has come within the last couple weeks it is hoped that some badly needed work can be done soon.

General: Tent quarters were abandoned for a warmer clime with the arrival of winter's snappy weather. The move was made on the 10th, residence again being taken up at Heiser. By the 13th the area had been cleared. The change was made at a most opportune time for the following day winter really arrived with snow covering the ground even down in the Wupatki country.

During the hunting season from November 1-17, numerous hunters crossed through the monument but no difficulty with hunting on the area was encountered. The fact that few deer are ever actually present on the monument reduce this problem to a minimum.

Visitors: Landscape Architects Paul Thomas and Carl Alleman were Sunset visitors on the 21st. Further development of the Master Plan was considered.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL MONUMENT

Publications on Hand: Sunset Crater National Monument 2-fold leaflets on hand - 150 Copies.

Robert F. Upton
Ranger in Charge

Publications on hand: Second Draft National Emergency 5-Fold Letters
on hand ---------- 150 Copies.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

.....NATIONAL MONUMENT
TONTO NATIONAL MONUMENT

ROOSEVELT, ARIZONA

19
November 25, 1947

MEMORANDUM for the Regional Director, Region Three.

Following is a report of activities at Tonto National Monument for the month of November, 1947.

Weather. Cool nights and good days characterized about half of the month, but the week November 14 to 22 was overcast, cloudy, and two good rains fell, on the 16th and 19th.

Approaches to Monument. The Apache Trail is in good condition for the present. The Monument road is rough due to recent rain and lack of time for the State road man to make a trip over it. It will not be maintained properly until we locate a small grader that can be pulled with the Dodge pickup.

Interpretive Service. Archaeologist Bull was absent on leave a considerable part of November, and resigned effective November 27, leaving after work Nov. 25, so Tonto is short-handed again. Of 918 visitors, 594 visited the ruins in 133 parties, and there were 854 museum visitors in 259 groups.

Travel. The expected seasonal increase in travel began to show up in November, with a slight increase over November last year.

General. Some maintenance work was accomplished, with a lot more to be done when the ranger job is filled. Two trips were made to Globe for gasoline and supplies. The Dodge pickup had considerable work done on the engine, lights and radiator at Stuart Arms garage in Globe. It was in bad condition, but seems willing to run now. A restone was put in the pickup and light plant. A little sign work was done. On the morning of the 25th a local young fellow, at Cook, was hired as a trail laborer, and is now trying to find enough earth in the rocks here to re-surface the trail. Ray Manley took some pictures of the Lower Ruins for the National Geographic Society. The Custodian furnished a supply of leaflets for the Globe Chamber of Commerce.

Charles C. Sharp
Custodian.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL MONUMENT

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
TUMACACORI NATIONAL MONUMENT
Tumacacori
BOX 2225, TUCSON, ARIZONA

Tumacacori, Arizona

November 25, 1947

MEMORANDUM for the Regional Director,
Region Three.

Follows the monthly narrative report for Tumacacori National Monument for the month of November, 1947:

WEATHER CONDITIONS: The drouth relented a little. .92 inches of rain fell this month. Temperature ranged from a minimum of 19 on the night of November 7 to a high of 91 on the day of November 1. Cattle ranges of this region continue in very poor condition.

MAINTENANCE: Routine was kept current. Our recalcitrant basement furnace in the museum building has been coaxed along (with a little profanity mixed in) and is now doing all right. Soil in the east end of the patio garden has been turned and a lot of old manure added to it, and some sandy loam. While this was in process, much Bermuda Grass was removed. A new shrub was planted in a bare spot near the arcade, in the garden. Repairs were made to front doors of the museum. Locks on drawers were worked over, and one new lock installed. Three bi-lingual signs were made, painted, and installed to advise visitors they should not visit the mission church without a guide. Three highway road signs were taken down, completely re-painted and lettered, and replaced.

INTERPRETIVE SERVICE: 896 visitors went on 184 guided trips through the mission and grounds, receiving an average of 33.88 minutes per trip. Average trip time dropped because of inclement weather. 1691 visitors saw the museum. 1702 persons received combined Information and Interpretation Service.

INCREASE OR DECREASE IN TRAVEL: Our visitor total of 1773 persons this month has been exceeded by one previous November - that of 1819 for 1946. This makes the third consecutive month in which travel has dropped below that for the same period of last year.

VISITORS: November 6 - Louis P. Lockner, A. P. Correspondent for American occupied zone of Germany.
November 9 - Chief Clerk and Mrs. Charles F. Hill, Yosemite National Park.

PERSONNEL: Ranger Brewer spent 1 hour on leave, 4 hours on sick leave.

PUBLICITY: The October 17 Holbrook Tribune-News reprinted a Tumacacori article from Arizona Highways.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
TUMACACORI NATIONAL MONUMENT
P.O. Box 2225, TUCSON, ARIZONA

Tumacacori, Arizona

November 15, 1947

Memorandum for the Regional Director,
Region Three.

Follows the monthly activity report for Tumacacori National Monument for the month of November, 1947:

Weather and Climate: The season retained a little .32 inches of rain fell this month. Temperatures ranged from a minimum of 19 on the night of November 7 to a high of 81 on the 3rd of November 1. Daylight temperatures during the entire month remained very pleasant.

Maintenance: Routine work kept current. The annualization document for the Museum building has been revised [with a little help] and is now ready for typing. Bell in the west end of the patio caught the fresh blossom end a jet of air causing metal to ring, and were mostly lost. While this was in progress, rock fragments were removed. A new floor plugged in a lamp cord near the steps, in the garden. Repairs were made to front doors of the museum. Three storm sashes without panes, and two new locks installed. Three storm-type sashes were made, painted, and installed to advise visitors they should not visit the closed church a while. Three lighted road signs were taken down, completely re-painted and lettered, and replaced.

Interpretive Service: 899 visitors went on 184 guided trips through the museum and church, averaging an average of 28.88 minutes per trip. Average trip time through museum of visitors' vehicles. 1021 visitors saw the museum. 1702 persons received educational information and interpretive service.

Protection: [illegible] was visited twice during the month. Everything was found in good condition. Mr. Clyde Parker, Custodian of Casa Grande Ruin, was contacted by the writer on November 7 and 8 and discussed with him the fire equipment at Casa Grande. Mr. Parker was also contacted by telephone on November 13 and 14 and discussed with him the fire equipment at Casa Grande.

Visitors: Register 6 - Local 7, Canada, 5, 7. Correspondence for the period was of routine.

Personnel: October 5 - Chief Clerk was Mrs. Charles E. Hill, Custodian

[illegible] were about 1 hour in leave, 4 hours on sick leave.

Equipment: The [illegible] Fleetwood Station-Wagon purchased [illegible] was received from the factory [illegible].

Holiday Magazine in its December issue has a full two-page color view of Tumacacori mission church.

November 8 - Mike Roberts, photographer, was in for pix to use in February issue of Arizona Highways.

November 11 and 13 - Bill Sears, photographer, was taking pix for an assignment for National Geographic Magazine.

COMMUNITY ACTIVITY: The custodian and ranger are continuing in attendance at the weekly evening classes in American Red Cross First Aid, held in the museum lobby.

On the evening of November 4 the custodian was gratified, after much personal-time promoting, to see a community meeting in the museum lobby for purposes of re-activating a dormant Boy Scout Troop. There was a good turn out, and considerable interest is being shown. 87 neighborhood boys attended the first Troop meeting. Cub Scouting is in demand, and the custodian has been requested to serve as Cubmaster for the communities within a radius of about 12 miles.

STABILIZATION OF MISSION CHURCH: 45 hours of laborer services were used during the month in pointing up holes in original plaster of the west wall of the cemetery (interior) and pointing ragged edges where long sections of plaster were missing; in plugging a large hole in the east wall of the west remnant of patio rooms with a set of bricks and stones which are not set in mortar; in removing a number of bricks from the sacristy floor (not originals) which had been badly eaten into by bat droppings, and replacing them; and in cleaning up the equipment and grounds from the results of stabilizing work. This work has now been discontinued for the winter, because of inclement weather. It is planned to continue stabilization work in March or April.

THEFT OF GOVERNMENT PROPERTY: On Thursday, November 20, while the custodian was absent on a day off, and during the noon hour while Ranger Brewer was at lunch, a thief entered the office from the museum lobby, helped himself to a 45 revolver which I keep in the drawer of the office desk, then jimmied the locks of the government change drawer, taking $157.75 in government funds. The locked change drawer of the SWM Association was also jimmied open and $29.95 taken. The sheriff's office and the FBI have to date uncovered no promising leads, and it is very doubtful that anything will be recovered. This matter has been reported in considerable detail by separate memorandum.

Earl Jackson,
Custodian

Holiday Magazine in its December issue has a full two-page color view of Tumacacori mission church.

November 8 - Mike Roberts, photographer, was in Tor pix to use in February issue of Arizona Highways.

November 11 and 13 - Bill Davis, photographer, was taking pix for an assignment for National Geographic Magazine.

COMMUNITY ACTIVITY: The recreation and theater are continuing in attendance at the weekly evening classes in American Red Cross First Aid, held in the museum lobby.

On the evening of November 4 the question was posited, after much personal-item promoting, to use a community meeting in the museum lobby for purposes of re-activating a Command Day Scout Troop. There was a good turn out, and considerable interest in being active. Of neighborhood boys attended the first Troop meeting. Cub Scouting is in demand, and the executive has been requested to serve as Cubmaster for the communities within a radius of about 12 miles.

MAINTENANCE OF MUSEUM BUILDING: 45 hours of laborer services were used during this month in painting my boles in original plaster of the west wall of the cemetery (interior) and pointing rugged edges where long sections of plaster were missing; in plugging a large hole in the east wall of the west remnant of patio tower with a set of bricks and stones which are not in mortar; in removing a number of bricks from the secondary floor (not original) which had been badly eaten into by bat droppings, and replacing them; and in cleaning up the equipment and grounds from the results of rainstorms. This work has now been discontinued for the winter, because of inclement weather. It is planned to complete rehabilitation work in March or April.

PLACE OF DEPARTMENT PERSONNEL: On Thursday, December 29, while the custodian was absent on a day off, and during the noon hour while Ranger Stroup was at lunch, a thief entered the office from the museum lobby, helped himself to a 45 revolver which I keep in the drawer of the office desk, then jimmied the locks of the permanent storage cabinet, taking $137.75 in government funds. The locked storage drawer of the DFA exhibition was also jimmied open and $15.85 taken. The sheriff's office and the FBI have to date uncovered no promising leads, and it is very doubtful that anything will be recovered. This matter has been reported in considerable detail by separate memorandum.

Earl Jackson,
Custodian

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

TUZIGOOT NATIONAL MONUMENT

CLARKDALE, ARIZONA.

NOVEMBER 26, 1947

MEMORANDUM for the Regional Director, Region Three.

Following is the monthly narrative report for Tuzigoot National Monument for November, 1947.

Travel Data: The onset of winter with its accompanying snow flurries occurring above the 5,000 ft. altitudes in the Flagstaff-Oak Creek Canyon region and Mingus Mt. area has deterred many tourists from coming this way. A light snow fell at Tuzigoot the night of November 22. However, a surprisingly high total of 852 visitors braved the elements to see the Monument. This again is the largest number for any corresponding period in the Monument's Travel Records. Figures for November 1946 and 1941 showed totals of 658 and 649 respectively.

Guide and Contact Service: Museum, ruins and orientation contacts totaled 2363 for the month. 786 people in 224 parties were shown the museum, and 767 people in 212 parties were conducted through the ruins. Custodian Bright is now on Annual Leave. Interpretive service is not interrupted as the Monument is kept open to the public on the Acting Custodian's lieu days.

Personnel Time: Museum: 84 hours, 30 minutes. Ruins: 70 hours, 40 minutes. Total time for Bright: 51 hours. For Richert: 104 hours, 10 minutes.

Administration: Custodian Bright has taken a month's Annual Leave. He and Mrs. Bright left by car for New York on November 10, where they plan to visit friends and relatives. All good wishes for a pleasant, well-deserved vacation, Everett and Eleanor!

Advertisements to bid on the re-roofing job for the Museum and Garage were placed in the Post Offices at Clarkdale and Cottonwood. Bid forms and allied papers were sent to three firms. A recent memorandum from Architect Saunders discloses that the Webb Contracting Company of Prescott, Arizona, will be awarded the contract pending approval from the Director's Office of additional funds. Wages and cost of materials have increased to the extent that an $800 job two years ago now costs $1300. The Webb bid seems a fair one, and it is hoped that we can see the badly needed roofing project completed in 1948.

Special Visitors: During the month we were glad to have nice visits from Montezuma Castle and Well personnel including Custodian and Mrs. Hastings, Ranger and Mrs. Leding, and Archeologist and Mrs. Schroeder.

Publicity: The December Issue of HOLIDAY Magazine features colorfully illustrated articles on Arizona. Included are such titles as: "Indians", "Dude Ranches", "Phoenix", "Jerome", etc. Under the article, "Arizona" and its sub-topic- "What To See", Tuzigoot and other National Monuments are mentioned and described.

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Southwestern Monuments Association: An excellent metal display rack for post cards and photo-packs was received at no cost from the Lollesgard Co. We highly appreciate this courtesy from the Tucson firm. The display stand was placed in operation immediately, and has greatly increased postcard sales. In fact, that's about all we have sold this month, with total sales approximating $40.00.

Roland Richert

Roland Richert,
Acting Custodian.

Yours sincerely,

Edward Bloomer,
Acting Secretary.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Walnut Canyon National Monument
Flagstaff, Arizona.

November 29, 1947.

MEMORANDUM for the Regional Director, Region Three. 19

There follows a report of activities in Walnut Canyon National Monument for November, 1947:

Weather. Several snow storms raised our hopes of having an average amount of precipitation this winter. As a local USFS man was heard to say, we would like moisture in any form even if came in four inch balls. There are several thousand bug trees in the cinder area to the north which were believed to have been originally weakened by several consecutive drouth years.

Visitors. Of the 812 total, 736 were contacted, and it is estimated that 544 made the ruins trip unattended. Only a few small parties used the picnic area.

Activities Other than Routine. All valve boxes of water system were packed in saw dust. Some patroling of boundary was done during deer season. Building contractors were recontacted when they failed to submit bids on the proposed Admin. Bldg. roof repair job. It has been decided that the rehabilitation work will be readvertised after the worst part of winter is over. By word of mouth, I've learned that Walnut had some ruins stabilization funds, but I believe we should await spring to use them. Engineer Bradley came to do some surveying but was driven out by snow before completing project. Dale King arrived Nov. 4 to work on his Malakihu report. Ranger Aubuchon made a thorough inventory of Walnut's equipment and prepared Board of Survey Reports. Carl Alleman and Paul Thomas spent a little more than two days on Master Plan studies.

A meeting was held in regard to a new approach road to connect Walnut with the new pavement on Highway 66. Those in attendance were: Herman G. Wallace, Chief Loc. Engr., Ariz. Highway Dept.; Ralph G. Barney, Coconino Co. Engr.; Supervisor Rotty, Coconino Nat'l For.; R? M. Rutledge, P. R. A. Engr.; Alleman and Thomas of Region Three; and, Custodians Jones and Beaubien.

Publicity. The October issue of PLATEAU, a quarterly publication of the Museum of No. Arizona, contained an excellent article about the plants of Walnut. In the same copy was an article about the birds of the San Francisco Mts. which mentioned some observations made at Walnut. A well-illustrated article about "The Cliff City" at Walnut appeared in the November issue of the Natural History Magazine

Paul L. Beaubien
Custodian

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WHITE SANDS NATIONAL MONUMENT

P. O. Box 231, Alamogordo, New Mexico

November 24, 19 47

MEMORANDUM for the Regional Director, Region Three.

NOVEMBER TRAVEL, 1947
Visitors 4,784 Cars 1,363

1948 TRAVEL YEAR TO DATE
Visitors 10,901 Cars 3,037

November shows less visitors than a year ago, the first not to show an increase since May. Part of our drop may be due to weather and road conditions. Several stormy days have shown a drop in visitors.

Replacement instruments have finally been received for our weather station. High since receipt was 60° on the 19th and 20th and low was 24° on the 20th. Precipitation total was 0.74, enough to permit working our clayed road section thoroughly.

One official trip was made to El Paso with Engineer Carrell to check on some material and also to check a shipment of pipe missent to the White Sands Proving Ground. Operator Shepperd accompanied by Ranger Chittum made a trip to Las Cruces to pick up this pipe after a release was secured. We hope to be able to wait until spring before putting in this pipe, in fact we may be lucky to obtain fittings by that time. We have been advised by Johns-Manville of two possible sources for fittings and shall contact them as soon as we can.

Contacts and museum interpretation have been about normal. We have had heat in the lobby and museum which encourages longer visits.

The seal coat was applied to our entrance road, parking area, etc, during the month. The weather was very cold and Engineer C. M. Carrell worked under extreme disadvantages. I am very dubious of the job possibylly but the engineer and several road men tell me it is alright.

White Sands also received a new Dodge pickup November 4 and the old Ford coupe-pickup from Lake Mead has been discarded for better or for worse.

Road contracts let on U. S. 54 between Tularosa and Carrizoza should give us pavement all the way to Albuquerque and Santa Fe by next travel season and should increase our attendance since many skip us now who would come by if the road was paved.

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NATIONAL MONUMENT

ALAMOGORDO, NEW MEXICO

November 24, 1947

(2) Narrative Report

We have had considerable trouble with our water system and hauling tank. At present we are planning to repair our present tanks, and hope for the best.

Ranger Chittum has been on leave most of the month. He bagged his buck during the hunting season so we are all eating venison steaks this week. Operator Sheppard spent three days in the mountains too during the season but, no steaks.

Charles and Mrs. Chrisler from the Region Three Office were in on a "busman's holiday". Leon Halls from Mesa Verde picked up a roller and mower from our surplus stock.

Next month will see us attempting to get our water system back in operation. The Custodian will be on leave much of the month so the boys will not have anything to hinder their progress.

A little early but, Merry Christmas to all and a Most Happy and Prosperous New Year is the wish of the White Sands and its personnel to the entire National Park Service and its personnel.

Johnwill Faris,
Custodian.

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NATIONAL PARK SERVICE

Wupatki NATIONAL MONUMENT

Flagstaff, Arizona

November 30, 19 1947

MEMORANDUM for the Regional Director, Region Three.

Following is a report of activities at Wupatki National Monument for the month of November, 1947:

Weather: The onset of winter has been marked by freezing temperatures at night, uncommonly cloudy weather, light rains and one snowfall of 3½". Perhaps we can look forward to a break in the long drought. Precipitation for the past two quarters has been erratic, but it is more like that of 1940 than any year since.

Roads: The additional moisture has considerably improved our roads and they are in excellent condition to be bladed--if we had a blade. We are looking forward with great expectation to the promised road equipment.

Travel: Again this month travel records were broken and exceeded last November by more than 30%, in spite of inclement weather. As our roads are improved there will be more and more use of this area during the winter months. Snows seldom last long enough to discourage visitor use even now.

Plans, Maps, Surveys: Engineer Willard Bradley completed the survey of the Heiser Springs property and developments therein, and copies of the finished map have been received. A survey was also made of a possible pipeline from Black Falls to Wupatki in the event that we pump water from the Little Colorado River valley. Incidental to this survey we uncovered two permanent survey refernce points (4 and 5) in the vicinity of Wupatki Ruin. There was a deposit of two inches of soil covering each of them.

Regional Landscape Architects Alleman and Thomas spent several days on problems relating to Wupatki-Sunset, and the new master plans. One half day was spent in conference with Forest Service and P.R.A. officials concerning entrance road location at Sunset Crater.

Activities of Outside Agencies: The Barron Steele oil prospect produced a

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DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

NATIONAL MONUMENT

showing of oil at approximately 1700 feet, and the intention is to drill into the Devonian formations at an estimated depth of 4000 feet if necessary. At 1325 feet they encountered water estimated at 400 gallons per hour. This corresponds quite closely with the depth of water in the vicinity of Citadel Ruin-- about 1200 feet at Deep Well. The location of the Barron Steele prospect is about ten miles north of the Monument.

The botanical class specializing in grasses at Arizona State College spent several hours on the Monument making a preliminary reconnaisance for future work and studying our herbarium collections. They hope to make long term studies in the Wonder area, relating their work to our interpretive program.

Anthropologist A. F. Whiting spent a day in this area investigating possibilities of encouraging local arts and crafts among the Navajo.

Research: Naturalist King has spent the past month in Flagstaff completing his archeological report of the Nalakihu excavation. This publication will make available much archeological data for our use and will mark the best and most complete work which has been done in this area to date.

Signs: The two cut-out letter signs at Citadel and the Earth Cracks were vandalized, some of the letters being removed. The only likely explanation we can figure is that some photographer wanted the letters for titling his shots of the major features of this area. The letters have been replaced and steps will be taken to make it less likely that people will readily recognize the letters as being attached.

Personnel: Laborer Joe Bean was appointed to the Road Maintenance position pending establishment of a register.

Accessions: The donation of H. M. Wormington's "Indians of the Southwest" by the Southwestern Monuments Association is acknowledged.

General: The residence at Heizer was put in shape for occupancy by Ranger Upton. Refrigerators and the new gas range were installed, although we are having some trouble with the new 8 cubic foot job. Plumbing was winterized and wood hauled to meet our needs. The small one room cabin just outside our boundary which we have always used to house occasional personnel was removed by the owners. This necessitated the erection of a tent for Maintenanceman Bean, an installation which is just being completed.

David J. Jones
David J. Jones
Custodian

MAR 15 1948

ONLY ARCHES is here

Narrative Reports, December 1947, Southwestern Nat'l Mmts

Route as follows:

	Name of official	Date Received	Date Forwarded
Great Sand Dunes	H Lowe	1-23-48	1-28-48
Capulin Mountain	Herman Hoover	2-14-48	2-20-48
Bandelier	Fred W Ermarin	2/25/48	2/28/48
Aztec Ruins	Chas D Lawrence	3/23/48	3/25/48
Chaco Canyon	[illegible]	3/30/48	3/30/48
El Morro	B.E. Wilson	4-2-48	4-5-48
Canyon de Chelly	Harold D McKinley	4/9/48	4/9/48
Arches	Russell V Makin	4/12/48	4/15/48
Navajo	Brewer	4/19/48	4/26/48
Wupatki	[illegible]	[illegible]	[illegible]
Walnut Canyon	Beaubien	5-6-48	5-8-48
Reg. Three Library			

Survey - See 10-339 inside. Jr.

10-23
(June 1941)

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---------- NATIONAL PARK

FILE NO.

IMPORTANT

This file constitutes a part of the official records of the National Park Service and should not be separated or papers withdrawn without express authority of the official in charge.

All Files should be returned promptly to the File Room.

Officials and employees will be held responsible for failure to observe these rules, which are necessary to protect the integrity of the official records.

NEWTON B. DRURY,
Director.

U. S. GOVERNMENT PRINTING OFFICE 16—22371

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DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Region Three

Santa Fe, New Mexico

Summary, December 1947 Narrative Report, Southwestern National Monuments:

	Page
Weather cold in the north, greatly inhibiting travel; fairly cold in the south, but some precipitation fell.	1
Special Activities - Several Archeologists attend American Anthropological Association National Meeting. Bandelier custodian holds in-service training meetings for employees. Tumacacori staff completes Red Cross first aid training.	1-2
Inspections to various areas by Regional Office and other personnel.	2
Status of Private Lands - Boundaries of Bandelier must be restudied because of change in ownership of adjacent land. Discussions held with the University of New Mexico officials regarding exchange of private lands with Chaco Canyon. Investigation by Ben Thompson of private developments within Saguaro.	2
Maintenance - Mainly unusual work caused by extremely cold weather, and installation of tanks and other equipment in readiness for spring season.	3-4
Approaches - Grand County carried on construction work on approaches to Arches, a total of 4.6 miles. Entrance roads snowed in at several isolated areas. Work began constructing 3½ miles of approach roads to Gran Quivira.	4-5
Cooperation - Illustrated talks by Rangers and Custodians. International Boundary Commission makes preliminary survey west of Organ Pipe Cactus along the International Boundary. Military forces search for fallen rockets on White Sands.	5
Museum Activities and Exhibits - Progress of interpretive development outlying and museum prospectus for Arches. New Museum Preparator position, YAP, established for Southwestern National Monuments. New minor exhibit at Tumacacori, featuring local history.	5
Research and Observations - Laboratory work progressing on the prehistoric specimens found at Chaco Canyon. Museum cataloging and recording progressing at Montezuma Castle. Increase in large game animal death near Organ Pipe Cactus due to predator control by nearby game refuge. Progress on archeological publications for Wupatki.	6

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Page

Soil and Moisture Conservation - Planning progra and bank protection completed at Aztec Ruins, Canyon de Chelly and Chaco Canyon. Fencing project at Organ Pipe Cactus completed. 6

Travel - Visitors in northern monuments reduced because of bad weather, but Casa Grande and Tumacacori report record breaking Decembers. 6

Ruins Stabilization - Reports since 1940 assembled for binding. Considerable progress on large ruin at Bandelier. Worked progressed nicely at Chaco Canyon, for days were cleared and snow did not lay on the ground. Drainage ditch progress of Chettro Kettle, and masonry work mainly in the eastern portion. 7-8

Wildlife - Pair of wolves frequented Saguaro for several months, but one was killed by a car and another wounded by gunshot. 8

Accidents - Two minor accidents, one involving a government pickup. 8

Public Health - Cause of water contamination discovered at El Morro and water supply systems disinfected at Montezuma Castle. Water samples at Saguaro returned with an analysis of unsafe for human consumption. Springs at Wupatki flowing slightly more than usual. 8

Personnel - Two terminated and two appointed. 8

Southwestern Monuments Association - Card dispenser boxes and display cases being made. Association helping National Park Service to answer informational requests by furnishing envelopes and stamps. 9

Miscellaneous - Several Custodians report that Navajo Indians are no worse off, are in fact better off, then usual. Nation-wide hysteria about starving Navajos is resulting in misguided efforts. 9

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Region Three

Santa Fe, New Mexico

January 15, 1948.

MEMORANDUM for the Director.

Monthly narrative report, Southwestern National Monuments, December 1947:

Weather

Unusually cold in the north, almost preventing travel to several isolated monuments. Great Sand Dunes reported 13 below zero on December 11. The first half of the month particularly cold in the southern part of the Southwest, but almost all areas received some precipitation except Tumacacori, which still is dry.

Special Activities

The American Anthropological Association held its national meeting, first one west of the Mississippi, December 28 through 30, at the University of New Mexico, Albuquerque, New Mexico, and in Santa Fe. Naturalist Dale S. King attended all of the meetings, but Archeologist Charlie R. Steen missed the first two days due to illness. Several fieldmen who attended a ruins stabilization conference on the 30th and 31st in Santa Fe were able to come early and participate in some of the anthropological meetings.

Bandelier. The Atomic Age approached to within one and a half miles of the Prehistoric Age in the form of a new site being built by the Atomic Energy Commission on a mesa north of Frijoles Canyon. Custodian Binnewies held in-surface training meetings from October through December 15 for all Bandelier employees, emphasizing protection, law enforcement, anthropological, and fiscal matters. Meetings were on Tuesdays and Thursday evenings and lasted one and a half hours. Ranger Thomas Onstott took the Archeologist P-1 examination during the month.

Great Sand Dunes. "The stork skidded on the icy sand dunes, making a 3.2 landing. Jenny Anna Sowers arrived 45 days too soon at the Alamosa Hospital. Born on December 7, at 5:43 p.m., weighin at 4 pounds 9½ ounces."

Montezuma Castle. One trip was made to the country court house at Prescott to investigate water rights at Montezuma Well. Archeologist Schroeder and Ranger Leding took the archeological examination.

Tumacacori. Red Cross first aid instruction meetings, which have been held each Wednesday in the Museum lobby, were completed on December 17 with 12

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Boston Area

persons, including all adults on the monument, receiving cards. The second annual Christmas party for local children was held Christmas Eve in front of the mission, with each child receiving a filled stocking and adults enjoying coffee and doughnuts. Gifts were bought by various local persons. Publicity was not sought, and the event kept on a local basis.

Wupatki. Navajos of the Wupatki Basin were given a Christmas party at the Black Falls Trading Post, with clothing, food and other items contributed by several philanthropic visitors.

Inspections

Arches. Naturalist Sullivan on December 2, 3, and 4.

Canyon de Chelly. Archeologist Steen and Vivian on December 9 and 10.

Casa Grande. Regional Director Tillotson on December 3. Mr. F. L. Richardson of the Phoenix Weather Bureau checked weather equipment on December 4. Custodian Egermayer came in on business on December 4.

Chaco Canyon. Archeologist Steen, Soil Conservationist Balch.

Organ Pipe Cactus. Regional Director Tillotson.

Saguaro. Regional Director Tillotson, Director's Aide Ben Thompson.

Tumacacori. Regional Director Tillotson, Chief Clerk Castellum.

Status of Private Lands

Bandelier. Since it is now known that the Atomic Energy Commission is taking over the whole of the Ramon Vigil Grant, consideration must be given to the proposed extension of the north boundary of Bandelier National Monument to Highway 4. The area just north of our boundary contains many small ruins. The great ruin of Tsirege several miles north should also be made a detached section.

Chaco Canyon. Assistant Regional Director John M. Davis, Chief of Lands Wilton J. McColm, Regional Archeologist Erik K. Reed, and Naturalist Dale S. King visited the University of New Mexico Comptroller and members of the Anthropology Department there, discussing on the proposed transfer of University lands to Chaco Canyon National Monument. Discussions apparently satisfactory to both parties ensued, but the outstanding difficulty seems to be that the University cannot obtain mineral rights on two involved sections.

Saguaro. Ben Thompson visited Saguaro, making investigation of developments on various private lands within the National Monument.

Plans, Maps and Surveys

Casa Grande. The map case extensively re-catalogued and re-filed.

Maintenance

Arches. Trail signs completed and ready for installation.

Aztec Ruins. Three sections of concrete pipe purchased and hauled to the monument ready for installation in the manholes in the drainage ditch. The roof of the Great Kiva patched and tarred as an emergency stop-gap measure.

Bandelier. Electrical trunk lines to the residences rearranged to distribute the power load more evenly. Painting completed of the interior of Residence No. 8 and the floors of Residence No. 1. Representative of a roofing company inspected the roof of the Hotel lobby in an attempt to find a leak which has developed. Annual inventory of property completed.

Canyon de Chelly. Repairs completed on automotive equipment, pump engine, and water and sewer systems. The road to Garcia's Trading Post graded.

Casa Grande. Entrance road ditches cleaned and re-graded. Penestration in Residence 2-4 repaired involving some plaster work. The mechanic worked on nine pieces of equipment for four areas.

Chaco Canyon. Stoppage in sewer and water lines cleared, water pump installed, main road graded through the monument, but the motor patrol blade is not heavy enough to work on frozen ground.

Chiricahua. Much time spent thawing out the comfort station plumbing and obtaining propane gas.

Gran Quivira. A total of 8½ miles of telephone line was moved from the highway right of way. Construction on the new 2-wheel trailer almost completed.

Montezuma Castle. Signs, automotive equipment, water fountains, museum lighting, and irrigation ditches received attention.

Navajo. A new drill press was used as a router to prepare and improve existing signs. A 950-gallon hot water tank was coated on the inside and converted to a gas tank, equipped with fittings, and installed complete with pump. A new 5-kilowatt electric plant was received from Walnut Canyon as a standby.

Organ Pipe Cactus. Work continued on the ranger quarters.

Saguaro. Improvements were made on the Madrona Ranger Station-South boundary road. Two large sectional tanks were partially assembled at the Ranger Station and at Headquarters. An electric fence transferred from Bandelier was placed temporarily around the Madrona Ranger Station to protect it and the water drainage area from cattle. Drainage structures were installed at the beginning of the Grass Shack trail.

Tonto. The trail to the lower ruin was partially resurfaced. The custodians residence was connected to the light plant by an overhead line.

Tumacacori. A cold frame was constructed to facilitate the growth of plants for the patio garden.

Jordan. Small adult sculptured and crude for investigation.

Laing Smith. Upon examination of accessible plan furnished and buried by the engineers ready for installation in the Jennings district. The trail of the Great Slim patches and tarred to an emergency atmosphere necessary.

Redpath. Elemental church plans to the Preliminary examination of the Pittsburg Tank ready. Finished completed at the interior of Washington Co. A and the Plains of Pasadena Co. L. Superintendent of a practically interested the trail of the Rural Library in an attempt to find a trail world has developed. Annual inventory of temporary equipment.

Oregon Co County. Imperial manufactured machinery machinery. Trap engine and motor and motor systems. The trail is tentative Dredging Fish project.

Lake Jennie. Industry coal timber discover and prescribed. Construction Coal Testimony involving more similar tests. The machinery wanted on three planes of equipment for five years.

Clear Central. Adequate to annex and motor lines electric, motor ship Sanitation, city road ground through the community. Its dirt motor patrol Wash is not heavy enough to meet an Epsom ground.

Christina. Tank line open running out the surface machine planning and excavating bridge pre.

Deer Valley. A total of 19 miles of Tabylina line was owned from the highway right of way. Construction on the new Central Denver almost completed.

Interstate Service. Video, Relationship negligence, water development, highway, and investigation bridge Pacific Atlantic.

Fire. A new drill plans can used as a purpose to property and lighting existing rights. A telephone but water tank the needed to the tanks and water started to a gas tank, equipped with fitting, and installed negligent with pump. A new Pacific district plans was received from Tabor Energy to a county.

Eagle Fire Service. Post mentioned to the Pasadena Quarters.

Factory. Cooperative rate rate in the Jackson Energy Electricity, electricity road. The large residual lands more practically recognized as the energy fitting not at Telephone. In electric phone Employment from Relative are plant Incorporated around the Jackson Energy Electric to project is was the water Pipeline area Fair service. Telephone telephone rate increase well as the Engineering of the Grass Creek Brook.

Lucas. The tract to the Lower rate was practically reservoirs. The Commissioner Pasadena was planned to the Light plant by an overhead line.

Homestead. A water crossing was discontinued by Pacific Water the growth of the state service.

Tusigoot. A large section of the sewer line was dug up to remove roots.

Walnut Canyon. A 7000-pound air compressor was received from WAA and placed in storage. Repairs were made on the 3-Kilowatt light plant.

White Sands. Considerable work was expended on the underground water storage tank, as a tank for the water hauling truck and on the diesel engine. The road into the sands received clay plating.

Wupatki. A new tank house was constructed, refrigerators repaired, and fire equipment reconditioned.

Approaches

Arches. Snow hindered travel. Grand County carried on construction work on the approaches to Delicate Arch, Fiery Furnace and the Devil's Garden sections. A total of 4.6 miles were roughed out, although work was hampered by snow.

Bandelier. The entrance due to recent work was the best as has been for some time, but heavy traffic by Atomic Energy Commission trucks is already roughening its condition.

Canyon de Chelly. Entrance roads were bad early in the month, but later became frozen and passable.

Capulin Mountain. The road up to the volcano was closed several days due to snow.

Chiricahua. Work has started on the grading of State Highway No. 81 in preparation for oiling this spring.

El Morro. The U. S. Indian Service graded 14 miles between Ramah and the Ramah Day School for the first time in two years. The Grants road was passable only when frozen.

Gran Quivira. Entrance road was in above average condition. Work began December 11 on the construction of 8½ miles of State Highway No. 10 south of Mountainair.

Great Sand Dunes. Entrance road excellent although snowy.

Natural Bridges. The approach road closed due to snow early in December. No travel is possible from Mite, because the ferry sunk in the autumn.

Navajo. All roads are passable. The troublesome drainage in Alethia Valley is being dammed and the road elevated to provide a secondary check dam.

Sunset Crater. The road closed was closed most of the month due to snow, and there was almost no traffic to Wupatki due to blockage of the shelf road around the base of the volcano.

Tonto. Both the Apache trail and the road from Payson were good.

Dahlgren. A large meeting of the women club was held up to review issues.

Calvin Simpson, 3 [illegible] air conditioner has threatened Dyer Hill and played in minutes. Dynamic move skills in the [illegible] Lilly plant.

Holly Tobin, [illegible] with responsible for the investigation of the [illegible] as a mark for the Water Control Service. He read into the matter [illegible] study.

Chaplin. I have been [illegible] [illegible] [illegible] with fire extinguishers [illegible].

Obituaries

Arthur. Funeral [illegible]. Bruce Dudley survived by wife [illegible] on his apartment on Cochrane Lane. Fiery fireman was the heavily smoke-[illegible]. A total of [illegible] were involved, although all was extinguished by [illegible].

Cochrane. On Wednesday the 30 [illegible] with [illegible] Lee have been [illegible] Dr. Ida Lucy Curtis by Illois County Constabulary [illegible] is already investigating the [illegible].

Canyon de Chelly. Tenement trash [illegible] bail [illegible] in Ben [illegible]. Bill Baker [illegible] [illegible] with [illegible].

Delilah [illegible]. The road [illegible] to his [illegible] was blocked [illegible] due [illegible] to storm.

Tarrytown. Mayor Ben [illegible] the [illegible] at Globe Highway Co. is [illegible] [illegible] after [illegible] this [illegible].

[illegible]. The U.S. Surface [illegible] [illegible] between Tuesday and the [illegible] for Fair Play [illegible] the [illegible]. The [illegible] road and [illegible] only [illegible].

Cox [illegible]. Business [illegible] [illegible] [illegible]. Mayor [illegible] [illegible] is [illegible] [illegible] [illegible] [illegible] of [illegible].

[illegible] [illegible]. [illegible] [illegible] [illegible].

Oakhurst [illegible]. The [illegible] road closed [illegible] be [illegible] early [illegible]. [illegible] [illegible] [illegible] [illegible]

Wupatki. Weather was mild and the entrance road from U. S. 89 open all month, although the Sunset Crater approach was usually closed.

Concessioners

Chaco Canyon. The trader gave a Christmas party with presents and food for the Navajos, who built fires and cooked their own picnic lunches.

Cooperation

Bandelier. Ranger Onstott gave three illustrated talks, one to the assembly of Adams State College, one to the San Luis Institute of Arts and Crafts, and one to the Colorado Archeological Society, Alamosa Chapter. Total attendance, 336.

El Morro. Custodian Wilson gave an illustrated talk to the Gallup Kiwanis Club on December 11.

Gran Quivira. Custodian Bowen gave an illustrated talk to the Belen Rotary Club on New Mexico National Park System areas.

Organ Pipe Cactus. The International Boundary Commission made a preliminary survey from the southwest corner of the monument to Papago Wells for a proposed 15 to 20-mile fence which would seal off canyons and passes and eliminate most of the drift stock into Growler Valley.

White Sands. A Navy party searching for a fallen rocket almost entered the monument on December 1, but after discussions decided not to do so. An Army party on December 8, searching for a fallen V-2 rocket 4½ miles west of the Loop Drive were given permission to enter the monument and cooperated nicely.

Wupatki. A motion picture being taken by H. J. Fleming of Santa Barbara, California, progressed nicely when Mr. Fleming visited the monument to take pictures and distribute gifts to the Navajos. The only scenes which remain to be taken are those of visitors going through Wupatki ruin.

Museums Activities and Exhibits

Arches. Naturalist Sullivan spent three days at the monument working with the Custodian on an interpretive development outline and Museum prospectus.

Bandelier. On December 12 was approved a position as Museum Preparator, GF-5, at $2894 per annum, for the Southwestern National Monuments. It is proposed to employ Mrs. Pablita Velarde Hardin in this position to accomplish paintings for 2½ months to complete the illustrations for the ethnology room at Bandelier. Due to lack of heat in the Museum, visitors spent very little time viewing the exhibits.

Tumacacori. A new exhibit was installed in a small case showing a photograph of Pete Kitchen. Also included is the Sharps rifle owned by the old Indian fighter who had a ranch in the 1870's 14 miles south of Tumacacori.

White Sands. Oil burning stoves proved insufficient to warm the Museum comfortably during morning hours.

Research and Observations

Chaco Canyon. Cleaning progressed on the wood specimens recovered by the ruins stabilization crew from Room 98. Some material was sent off for identification; hide, tanned buckskin, cordage, sinew (1), beans, pumpkin seeds, and some scatological remains.

Montezuma Castle. Cataloguing of museum artifacts continued. Two skulls were taken to the Museum of Northern Arizona to be photographed for illustrations in the forthcoming report to be published by the Southwestern Monuments Association.

Organ Pipe Cactus. More deer were killed in the Ajo Mountains this season than ever before, a fact which may be partially due to the National Park Service Conservation Program at Organ Pipe Cactus. The supervisory personnel of the Cabeza Prieta Big Horn Sheep Refuge west of the monument state that predator control has resulted in a marked increase in the Big Horn sheep population.

White Sands. Correspondence was initiated in an attempt to obtain a storage case for the insect collections which will be given to the monument by a scientist who made researches there last summer.

Wupatki. Naturalist King finished except for the general conclusions the Archeological excavation report on Nalakihu, a small pueblo ruin on the northern part of the monument. This will be published by the Museum of Northern Arizona as one of their bulletins this spring or summer.

Soil and Moisture Conservation

Aztec Ruins. The special work for Canyon de Chelly and Chaco Canyon of cutting willows and transferring them to the respective areas was completed.

Canyon de Chelly. The bank protection and planting program was completed on December 3 despite adverse weather.

Chaco Canyon. The planting program was completed. 1000 posts were brought in and placed for "living spiders" to retard stream flow in the arroyo. Tamerisks were cut for spring planting.

Organ Pipe Cactus. The project of fencing the southern boundary was completed on December 26. A total of 7.4 miles to the west boundary and a small gap west of Bowling Bell were involved.

Travel

Adverse weather conditions made a marked reduction in visitors to northern monuments, but Casa Grande and Tumacacori reported record breaking totals for the month. All areas are running ahead of last travel year.

Research and Development

Travel

Ruins Stabilization

Archeologist Steen assembled all ruins stabilization reports completed since 1940 and prepared them for binding. He analyzed fiscal balances remaining, and notified field areas.

Bandelier. Sub-floor tests were made in 25 rooms of Tyuonyi ruins. Deep trash was encountered underlying the pueblo. A test trench northeast of the ruin disclosed no architectural remains. "Before" pictures were obtained on 50 ruins and "after" pictures on 49 others; thus, 80 rooms are now ready for mortar re-painting when weather permits. Work will be stopped in January and not resumed until warmer weather.

Canyon de Chelly. Archeologist Steen and Vivian inspected a cracked wall in White House Ruin.

Chaco Canyon. Weather was cold, but work suffered little because days were clear and snow did not lay on the ground. A large wildcat apparently inspects stabilization work nightly, even visiting rooms inside the ruin of Chetro Ketile. Truck trips, averaging two weekly, to Farmington or Aztec for supplies take much time, for the road is deplorable. It "resembles nothing so much as either a lava flow or a Chaco road". Preliminary work began with the motor grader on the drainage channel east of Chetro Ketile, soil conditions being perfect for this type of endeavor. Considerable drainage alteration was performed in the ruin, masonry was repaired in the eastern portion, and various patching was accomplished. The sectional steel scaffolding is proving to be quite efficient.

Visitors

Arches. Harry Goulding of Monument Valley said that Photographer John Ford will make pictures at Arches in the spring. Ranger T. Guillet of Colorado National Monument.

Casa Grande. Dr. Doris O'Brien, Custodian Hastings.

Great Sand Dunes. Clerk Glen Bean and Ranger Custett of Bandelier.

Navajo. Joe Bean of Tuba'hi. John Stewart and Doug Harrington of the Indian Service.

Organ Pipe Cactus. Ranger Wilde of Saguaro.

Saguaro. Custodian Hastings, Roy Chapman Andrews of the American Museum of Natural History.

Tonto. Custodian Egermayer and Packer Stansberry of Saguaro, Custodian Hastings.

Tumacacori. Custodian Hastings.

Tusigoot. Naturalist King, Custodian Beaubien, and Alfred Whiting of the Museum of Northern Arizona.

Living Conditions

Intermediate fiber embedded all rules established degrade amplified clamp. Life and concerned into for bonding. Be monitors flexed inclusive resolution, and nutrient fluid event.

Develop bore. Industry deals were made. In 3d annual of journal rules. Deposit pulse. Deposit the positive based enhancing the practice. A that formed superboard at the rules discovered by established previous. "Before" pictures were obtained in 3d rules "after" pictures on 6d recovery diary. Do these are not ready for vertex range testing with multiple controls. Fluid will be engaged in chemical and tank the crucial small matter reaction.

Images de Chelle. Investigation flows and Virtue interfere a crushed well be fluid close fluid.

Clean oxygen. Control was acid, but most sufficient little measure disk mass also cure-all rod in the crucial. I large without temporary electrolyte when initially, some maintain means limited the data of fission basis. Clean order, examining bar density. In description of lathe flat circuit hole soil line, for the pool is destroyed. In "anomalies violating an inch as active a term of a fiber or a fiber feed". Instrument must judged with the notion pipeline or the structure material mass or fission cavity, will reaction driving there for rule of equipment. Investigate electron alternate the particular at the pipe, accuracy was regarded in the neutron previous, and machine pressure was accomplished. The investment about modification is viewing in-the pipe efficient.

Vitamins

Lesion. Deep limiting of transport fitting well test fluorescence tube test cell can tightness at deposit in the cycling. Longer 5. Fitting at tolerance building at compound.

Take breath. In cycle life, fabrication therapy.

Deep fluid fault. Clay tube down and fitting treatment of operations.

Cure in. Do cycle of light. Site thought for deep fabrication of the induced relative.

Organ life tension. Income bills of failure.

Pigment. Checklist fracture, for thought balance of the instant stress of patient disorder.

Bulb. Institution hypocycle and tumor treatment of hypoxia. Formation diagnosis.

Diagnosis. Clinical examination.

Therapy. Because bit stress, consulting treatment, and dilute Section of the theory of fracture initial.

White Sands. Sam Hendricks, Custodian Bowen, of Gran Quivira, and former Custodian Henry Schmidt.

Police Protection

Casa Grande. Two inspection trips to the Adamsville Ruin, with some evidence of vandalism being discovered on the second trip.

Wildlife

Saguaro. A pair of timber wolves have been frequenting the monument for several months. One was run over by a car near the X-9 Ranch early in December. The other wounded by gunshot three miles south of the monument but escaped, and has reported again on the monument.

A herd of 20 javelinas was seen along the Loop Road.

Accidents

Arches. A driver from Salt Lake City burned out the clutch of his car and spent all night on the monument.

Saguaro. The Chevrolet pickup was involved in an accident on December 25; total damage was $79.

Public Health

El Morro. Water contamination below the dosing tanks was found to be due to one valve not closing completely. This will be replaced when the valve can be obtained, and chlorination is being added in the meantime.

Montezuma Castle. The water supply system at the Castle was disinfected with chlorine.

Saguaro. Water samples from the Madrona Creek were returned again with analyses of "unsafe" for human consumption. This makes 11 times out of the past twelve months that such a report has been received.

Wupatki. Wupatki spring is flowing 10 per cent above last year, but Heiser Spring is 30 per cent lower, due to leaks in the intake lines.

Personnel

Arches. Laborer-Leadman Winbourn was terminated on November 29.

Aztec Ruins. Ranger W. G. Reed was terminated on December 19.

Saguaro. Temporary Ranger Lawrence C. Wilde was appointed ranger on November 30, pending establishment of a Civil Service register.

Tonto. Joe Hendricks received an emergency appointment as P-1 Archeologist on December 25.

Fishing

Fishing. I plan to fish before noon each day throughout the season. The
best time to fish is early morning and late evening, but
the right bait is more important than time of day.

Hunting

Hunting. Deer season opens in October and runs through mid-November.
Bring your hunting license. Check the regulations for
bag limits and legal weapons.

Camping

Camping. Camping is allowed in designated areas only. No
campfires outside of fire rings. Pack out all trash.

Boating

Boating. Boat launch ramps are located at the north and south
ends of the lake. Speed limit is 45 mph.

Swimming

Swimming. Designated swimming areas are marked with buoys.
Lifeguards are on duty from 10 AM to 6 PM daily.

Trails

Trails. Several hiking trails are maintained around the
lake. The trail to the overlook is 2.5 miles round trip.

Wildlife Preservation

Wildlife. Please report any injured or sick animals to the
ranger station. Do not feed the wildlife.

Southwestern Monuments Association

Plans for card dispenser boxes and for display cases at Tumacacori and White Sands were received and placed in production. The Headquarters supply (2761 copies) of "Poisonous Dwellers of the Desert" was received and stored. Sales are going rapidly. Because the National Park Service is unable to answer informational requests due to shortage of franking privilege, the Association donated a quantity of envelopes and stamps to Southwestern Monument areas so that such requests can be answered by fieldmen and by headquarters naturalists.

Miscellaneous

Canyon de Chelly. Nation-wide publicity concerning the supposed desperate plight of the Navajo Indians has focussed the attention of the whole country on the section. However, the Navajos near Canyon de Chelly are better off then they have been for some years and do not face starvation. Weaving has slowed down and workmen are quitting their jobs to take advantage of relief.

Capulin Mountain. The special elk season nearby was quite an event; more than 100 elk were killed by 115 permittees.

El Morro. The custodian had to take 9 days annual leave because of a new baby in the house. He stated that a Navajo woman would have been better help, but none wanted to work.

Navajo. "Too much has already been spoken and written about the starving Navajos. In this area there seems to be only resentment. Their expressed opinion in this locality is that they are better off this year than any previous year....I asked Max (Littlesalt) what he was doing with the clothes. (Often the clothing is worn out or of a type unsuitable for Navajo use) Max said he guessed he could use the clothes to make a scarecrow in his corn field. Well, I guess, some good comes from these campaigns even if it is only to reduce the fire hazards in the attic of the donors."

P. P. Patraw,
Associate Regional Director.

cc: Monument Distribution (2).
Region Three Files.

Since the last Diplomacy Debate was for Almighty knows on Thursday[1] and Sirta Daruc were rewarded and placed on probation, the Interplanetary Trade Union Delegation Relative of the Quarry[2] was received with mixture. Later are grubs Invisible. Because the Trilobed Fact Inspire is unable to answer Internal Shipments [in to Alcyone] of [Possible Pitiable], the Sirta Problem Invited a Question if Uncertain and Ask Parliamentary Answer as Sirta Grub Passports can be answered by Tribunal Act by Beautyfarms Ministries.

Interjections

Dagger de Dark:. Parliamentary pedantry concerning the proposed Amendment of the Dwarfs Bailiwick the Attention of the Whole Assembly to his position. However, the Petition Rose Dagger de Dark are Inferior Act Some Have Been for Even Years and it Not That Important. Dancing in Grey Days and Watermarks Writing Their Pipe to Take Attention of Police.

Capitalize Consonants. The Grubs all Rooms Exactly and Quite Be Wholly Safe Even If Be all Were Killed by Air Accidents.

In Short. The Question had to Take A Day Wasted Lunch Because of a Sore Eye in the Alcove. In Arched Alef a Tree [Wood Still] Body Into Nation Only Has Been Waited In Vain.

— Dave Jr.: "You Just Has Already Been Spoken and Written About the Previous Question. In This Case There Seems To Be Only Speculation. Quite Impressed Position In This Light Of It Does Show Has Either Of This Year Been Any Less Active Part...." Asked Sir Clifford Which Is Who Quite With Or Without The Standing Is Were Not Of A Type Unavailable For Early Oral Question To Ground So Would Are Its Election To Take A Departure In Air Any Case Well. I Quite, Some Good Seems Five Grade Aeroplane Even If It Is Only In The Alcove And Fire Inserts In The Attic Of The Quarry."

P. T. Brown,
Assembly Designed Interior.

Dr Dangerous Interjection [3].
Dwelling Three Times.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Region Three

Santa Fe, New Mexico

January 14, 1948.

[illegible] for the Regional Director, Region Three.

Following is the narrative report for Naturalists of the Southwestern National Monuments for the month of December 1947.

Staff Activities - General

Naturalist Dale S. King returned from Flagstaff, Arizona, on December 3. He made one trip to Albuquerque on land matters and attended the American Anthropological Association meetings from December 28 through December 31. Five days of annual leave were taken.

Archeologist Charlie R. Steen made a trip to Canyon de Chelly National Monument on ruins stabilization matters and also attended the last day of the Anthropological Association meetings.

Administration - Interpretation

Several letters were written to applicants for positions in the Southwestern Monuments.

Considerable difficulty was experienced in handling informational requests, not only due to lack of stenographic personnel, but also to the shortage in leaflets. As 2-fold leaflets are exhausted, mimeographed supplies, which are unsatisfactory and difficult to produce, must be issued. In addition, the edict against mailing out answers to informational requests has placed a considerable burden on the Southwestern Monuments Association personnel and finances.

Public Relations and Extension Services.

While on annual leave at Alamosa, Colorado, King was fortunately able to attend the meeting of the local chapter of the Colorado Archeological Society and to visit the Museum of Adams State College. Ranger Thomas Onstott of Bandelier was the speaker of the evening and gave an excellent illustrated talk on problems of Pueblo Archeology, particularly those of the Pajarito Plateau surrounding Bandelier National Monument.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Progress in Exhibit Plans and Projects

On December 16, 1947, there was established for Southwestern National Monuments a W.A.E. museum preparator position, SP-5, at $2394 per annum. It is limited to an expenditure of $720 per annum. With the total of $500 of naturalist funds allotted to this department, we plan to employ Pablita Velarde of Santa Clara Pueblo to work two and a half months at Bandelier in an attempt to finish the illustrations for the ethnology room in the museum there. Funds are not available for paper and artist supplies, which must be, apparently, donated by the Southwestern Monuments Association.

Accessions - Other Than Library

A memorandum was addressed to the Director in an attempt to obtain seven surplus telescopes which may be received from the Navy. These can be placed to good advantage at Navajo, Walnut Canyon, Arches, Chiricahua, Montezuma Well, and other areas.

Research and Observations

King accomplished considerable work on the Nalakihu report which will be published as a bulletin of the Museum of Northern Arizona. The final version of the manuscript is complete except for comparative trait listing and the general conclusions. He plans to spend mornings on the report beginning with the second or third week in January. Correspondence was initiated in an attempt to obtain by donation from an interested party an insect case for White Sands National Monument, which will receive a considerable number of specimens gathered there by a graduate student last summer.

Archeologist Gordon Vivian submitted to this office for approval an excellent popular article on some recently discovered historical inscriptions at Chaco Canyon National Monument.

Cooperative Activities

On annual leave, King called Editor Raymond Carlson of Arizona Highways magazine and conversed with him concerning several cooperative projects of interest to the Service and to the Southwestern Monuments Association.

Region Three Office Loan Library

Accessions for the month were 17 books, 87 periodicals, and 34 reprints and pamphlets. Books received included:

Franciscan Fathers, St. Michaels, Arizona - An Ethnologic Dictionary of the Navajo Language. St. Michaels, 1910. 2nd edition, Leipzig, 1929.

Passages in Public Rivers and Fairways

In summary it, that, there was considered the Co-Chairman Bonnel Townsend a public private responsibility trail, at least per season. It is listed in an appendix of 1750 for example. The total of 1500 of potentially found alluded to this department as only two a plan to widely publish Valerie of into Plain Rugby to work the old a half months it beginner it an attempt be Plaint We Silverthorne for its although even on the season there. Roads are may available for legal and urban Public, will just Improvements Commander Association.

Interview - Other Use Library

A information was mentioned in the Director is an attempt to obtain areas months telephone will be to remained from Be Earp. There not be placed to good attempts at Early, Select Inspect, Archive, Saturday, Increase Fall, and other areas.

Powers, and Observations

Flag accomplished considerable work on the Pavilion repair which will be published as a history of the Centre of Overlook Lighting. The final version of the committee is anyone remain for evaluation that lasting out the second conditions. To place to speak coming on the regard beginning with the season or Bill week is closely. Incorporated was Interest to an attempt to obtain by donation this an interest party at lower pass for Bill's Lands Colonial Insurance, which will require a considerable number of Speakers returned there by a private student last course.

Individuals Center Tribe submitted he is all in for evening an available Public article we also recommend discussion/ Education. The application is Care Chapter Building Commander.

Inappropriate Activities

In annual leave, the white river Improved Letters of Private Property Service and accepted with his committee payroll Analysis Physics it Interest to the Service all to the Conservation Executive Association.

Rights Other Site Laws Library

Recreation for the park room it Under, it previously and Private and Committee. Their Provided Interest.

Pennsylvania Library, The Children, Opinion - In Thoughts
Dictionary of the Sheep Emergency. New Thereof, 1913.
The Building, Insight, 1938.

Haile, Berard - Learning Navajo. 2 Vols. St. Michaels Press, St. Michaels, Arizona, 1941.

- - - - - Origin Legend of the Navaho Flintway. University of Chicago Publications in Anthropology, University of Chicago Press, Chicago, 1943.

Vera, Harry P. - Navajo Textile Arts. Laboratory of Anthropology, Santa Fe, New Mexico, 1947.

Morgan, Richard G. and James E. Rodabaugh - Bibliography of Ohio Archaeology. Ohio State Archeological and Historical Society, Columbus, 1947.

Strong, Reuben Myron - A Bibliography of Birds. Zoological Series, Field Museum of Natural History, Vol. 25, Nos. 1, 2, and 3. Chicago 1939 and 1948.

Spencer, Frank C. - Colorado's Story. The World Press, Inc., Denver, 1950.

Stout, D. B. - San Blas Cuna Acculturation: An Introduction Viking Fund Publications in Anthropology, No. 9, New York, 1947.

Southwestern Monuments Association

Treasurer Vedder worked 17 days, sending out 20 letters and 248 covers, including 40 purchase orders. Considerable of his time was spent on turn-ins and posting warehouse cards, both operations taking much more effort than is necessary because various field men have been somewhat lax in their records, which do not agree with ours.

The headquarters shipment of "Poisonous Dwellers of the Desert", consisting of 2761 books, arrived on December 16. Many back orders were filled and about eight orders a day are received by mail. This accounts for the great increase in covers mailed.

Architect Lovelady completed during the month the plans for card dispenser boxes and for display cases at Tumacacori and White Sands. These plans were distributed to local cabinet makers and more than three quotations were received on each. The boxes were placed in production and will be received early in January. The display cases will be made during the month of January, and it is hoped they can be sent to White Sands and Tumacacori by the end of the month.

Because the National Park Service is unable to send out answers to informational requests, the Association sent each monument custodian a small supply of stamps and Association envelopes which can be used for this purpose.

Smith, Henry L. Electric Energy. 2 Vols. In Colorado Trees, Inc. Kingsley, Arizona, 1941.

. . . Electric Energy at the Colorado Plateau. Laboratory of Climatology Publications in Meteorology, University of Chicago Press, Chicago, 1942.

Weber, Henry C. A Manual for Electric Lines. Laboratory of Climatology Publications in Meteorology, University of Chicago Press, Chicago, 1942.

Wilson, Thomas C. Electric Lines and Electrical Interference. Ohio State Meteorological and Climatological Laboratory, 1941.

Young, James Owen, & Willoughby, Edwin. Electrical Trees. Berkeley, California, University of California Press, 1943.

Zeller, C. D. - Climatology Today. New York, Trees, Inc., 1941.

Zeller, C. D. - The Old Tree Acquisitions. In Meteorological Society Publications in Climatology, Vol. V, Ohio Tree, 1941.

Transmission Conductor Installation

Conductor tension should be kept, whether on the ground or in the air, according to the sag specified on the plans. Installation of the line should be done after the last freezing weather ends, but operations should not take place when the temperature exceeds 100 degrees, which is not often this early.

The Conductor Allowance or "Clearance-Deficit of the Power", published by Ohio State, printed in October 1941, that was taken from Tilden and Lincoln Electric Co. is not to be used for the first year. Instead, a new one received by mail. This modification is for the great increase in copper melted.

Insulated Conductor Supports: Since the weight the glass can support depends on the dirt, wash by flooding with water. This glass-type insulator will be replaced with a new one. The glass will be painted to prevent corrosion. Glass insulators should not be used for the first year. Because the Electric Lock Service is unable to install insulators on wood, the insulation must be done by the end of the month.

Unusual Activities - Conferences

King attended the meetings of the American Anthropological Association in Albuquerque and Santa Fe, and on the last day Steen attended, having missed the first two sessions because of illness. Several fieldmen of the Southwestern National Monuments were able to visit at least part of the sessions. After the meetings, the National Park Service personnel held an informal session at the Region Three office, discussing ruins stabilization, research, and interpretation problems.

Ruins Stabilization

Steen and Gordon Vivian visited Canyon de Chelly to inspect a cracked wall at White House Ruin.

Steen assembled and prepared for binding all of the stabilization reports which have been completed since 1940. He also notified all field areas of their remaining stabilization balances for the fiscal year.

Field work continued at Chaco Canyon and Bandelier. It is planned to stop the Bandelier work in January due to bad weather and to take trained personnel to Casa Grande to begin stabilization on Compound A.

Projects for January

King will be in the office the early part of the month clearing up accumulated matters, will go to Bandelier for a week to start the museum preparation work there, will work the remainder of the month on routine work and finishing the Kalakihu excavation report.

Steen will visit Gran Quivira and Casa Grande early in the month on stabilization matters and will spend the remainder of the month in the office purchasing stabilization materials and handling stabilization reports.

Dale S. King,
Naturalist.

Approved for Distribution _____, January 14, 1948.
Associate Regional Director.

cc: Mr. Lodge.
Monument Circulation (2).

UNITED STATES
DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Arches
NATIONAL MONUMENT
Moab, Utah

December 27, 19 47

MEMORANDUM for the Regional Director, Region Three:

The following is a narrative report for Arches National Monument for the month of December, 1947:

GENERAL: Travel dropped practically to zero for the month due to unusally cold weather and snow on the approach road.

WEATHER: Rain fell on December 2nd and 5th and on the 8th we had two inches of snow at headquarters. Temperatures during the month were very cold for December with a low of 16 degrees registered at Moab. It did not warm up during the day and the snow that fell on December 8th is still present on some portions of the monument.

TRAVEL: Our travel fell way down this month with only 19 cars and 48 people as compared with 185 people last month and 91 visitors for December, 1946. We had representation from seven states, France, China and Italy.

INTERPRETIVE SERVICES: Three parties were accompanied into the Windows and Delicate Arch sections during the month. Sixteen visitors were contacted at headquarters and 48 people visited the Windows section unattended.

COOPERATING GOVERNMENTAL AGENCIES: Construction work on approach roads to the Delicate Arch, Fiery Furnace and Devil's Garden was carried on the entire month by Grand County. To date 4.6 miles of road have been roughed out, with all drilling and shooting completed and all culverts installed. This includes 2.6 miles from the Windows road to the Devil's Garden - Delicate Arch junction and 2 miles of the Devil's Garden spur. The power grader arrived on the job on November 21st but accomplished about only 4 hours work before it ceased functioning. An engine overhaul was necessary and it has not been back on the job to date so that no finishing has been accomplished. Snow and cold weather have hampered the work considerably and only the foreman, acting as dozer operator, and one laborer are on the job. Work was closed down on December 20th for the Christmas holiday and will be resumed on December 29th.

NATIONAL PARK SERVICE VISITORS: Naturalist Sullivan spent December 2nd, 3rd and 4th at the monument going over the museum prospectus and interpretive problems. Stormy weather prevented his visiting all sections of the monument.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Arches
NATIONAL MONUMENT
Moab, Utah

December 27, 19[illegible]

[illegible] for the Regional Director, Region Three

The following is a courtesy report for Arches National Monument for the month of December, 1957:

[illegible]: Travel dropped considerably to zero for the month due to mostly cold weather and snow on the approach road.

[illegible]: Rain fell on December 2nd and 3rd and on the 8th to 9th for a total of [illegible] precipitation. Temperatures during the month were very cool for December with a low of 12 degrees registered on [illegible]. It did not warm up during the day and the snow that fell on December 8th to 10th present on some portions of the monument.

[illegible]: Our Travel Fall may down via Moab with only 19 cars and 61 people as compared with 138 people last month and 21 visitors for December, 1956. We had representation from seven states, Iowa, Ohio and Italy.

[illegible]: Three parties were conducted into the Windows and Delicate Arch vicinity during the month. Sixteen visitors were assisted on Interpretive and 42 people visited the Windows area unaccompanied.

[illegible]: Construction work on approach road to the Delicate Arch, Petey Tower and Devil's Garden was carried on the entire month by Grand County. To date 6.3 miles of road have been completed out. All drilling and blasting completed and all obstacles [illegible]. This includes 2.8 miles from the Windows road to the Devil's Garden - Salt Wash junction and 3 miles of the Devil's Garden spur. The power project was started on the job on December 21st but accomplished only a few more [illegible] during the month. An engine overhaul was necessary and it did not arrive before it could [illegible]. An engine overhaul was necessary and it did not arrive before it could [illegible]. An engine overhaul was necessary and it did not arrive before it could [illegible]

Ranger Bill Guillet of Colorado National Monument stopped by to say hello on December 7th.

NEWSWORTHY VISITORS: Harry Goulding of Monument Valley visited the area on two occasions during the month. He stated that John Ford, director for RKO pictures was interested in filming pictures in this vicinity and he was looking over the possibilities before bringing Mr. Ford in during the spring.

MAINTENANCE: Laborer-Leadman Winbourn was terminated on November 29, 1947.

Carving of new signs for roads and trails has been completed and hope to have them painted and ready for installation during the coming month.

MISCELLANEOUS: A visitor from Salt Lake City, Utah, who did not believe the road closed sign, tried out the new road on December 7th and in trying to get back out of Salt Valley, over the switchbacks, burned out a clutch due to slick roads. No one was at the County trailer camp so he spent the night in his car. He was found the next morning be the construction crew and his car was towed to Moab for repairs. He stated that he would believe in signs in the future, after spending a frigid night in his car.

NATURAL BRIDGES NATIONAL MONUMENT: This area became inaccessible during the early part of December due to heavy snow on the Elk Ridge. No travel can come to the area via Hite due to the fact that the ferry over the Colorado River was sunk during the fall.

Russell L. Mahan

Russell L. Mahan
Custodian

(in trip.)

MAY 5 1948

Page 8, Irvine Herr. Mgr., Dec., 1947.

Denver Mill Outlet of Colorado National Monument stopped by to say hello on December 7th.

UNEXPECTED VISITORS: Harry Goodding of Redwood Valley visited the area on two occasions during the month. He stated that Ford, director for RKO pictures was interested in filming pictures in this vicinity and he was looking over the possibilities before bringing Mr. Ford in during the spring.

WEATHERMAN: Laboratory-Lanham Windows was terminated on November 15, 1947.

Carving of new signs for roads and trails has been completed and hope to have them painted and ready for installation during the coming month.

VISITORS: A visitor from Salt Lake City, Utah, who did not believe the road closed sign, tried out the road on December 7th and in trying to get back out of Salt Valley, over the switchbacks, burned out a clutch due to slow speed. He was so the County Trailer came to be pull the car in his car. He was found the most trouble in the overturning some and the car was towed in week for repairs. He stated that he would believe in signs in the future, after spending a frigid night in his car.

PHYSICAL CONDITIONS DURING INSPECTION: Trails are become impassable during the early part of December due to heavy snow on the 4th Ridge. To travel one needs to tie arms via Gate Key to the Post that the Ferry over the Colorado River was used during the Fall.

(In trip.)

Marcell L. Dalton
Caretaker

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Arches National Monument
Name of Area

December
Month

1947
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans	3	4	2 hrs
Walks or Hikes	2	2	2½ hrs
Ruins or Hist. House			
Other			
Total	5	6	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Headquarters	22	16	1/4 hr
(Give Name or Type) Total	22	16	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Window Section	30	40	1 hr.
(Give Name or Type) Total	30	40	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	3	(Mail)	
Other			

70
Total Receiving Interp. Serv.

40
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)	
16 page booklets	
Popular Studies	
Source Books	

NAME Russell L. Wilson

TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Unusually cold weather with snow on roads caused drop in visitation and interpretive contacts.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

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COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

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THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN TENTH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

MAR 2 1948
160405

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
AZTEC RUINS NATIONAL MONUMENT
AZTEC, NEW MEXICO

24 December 1947

MEMORANDUM for the Regional Director,
Region Three, National Park Service.

There follows the report of activities in Aztec Ruins for December 1947.

WEATHER. With the usual December weather remaining thruout the days from freezing temperatures to lower forties, with considerable cold to a low of plus 2, snow and sleet, our visitation has suffered proportionately.

MAINTENANCE. The special Soil and Mositure Control Work for Canyon de Chelly and Chaco Canyon, which headquartered at Aztec Ruins, completed their willow cutting in this area and transferred the cuttings for replanting to the above areas.

We have purchased and hauled 3 sections of concrete pipe to be used in the completion of manholes on the ruins drainage ditch. As soon as the ground will allow, the pipes will placed in position by use of a crane truck.

The great kiva roof was patched considerably and the entire surface tarred. This is a stop-gap measure to prevent deterioration of the roof supports until the entire roof may receive long delayed attention.

Some difficulty has been experienced with the domestic water pump and motor. Complete overhauling of this unit will be required in the immediate future.

PERSONNEL. Park Ranger, William G. Reed's services were terminated close of business 19 December 1947.

Decrease in Travel. There were 273 people in 91 cars from 23 states, Wash. D.C., Alaska, Canada and Venezuela. This is an approximate decrease in travel of 10% over December 1946.

INTERPRETIVE SERVICES. There were 180 visitors conducted in 45 trips thru the ruins, and 273 visitors in 70 trips were shown the museum.

Irving D. Townsend,
Custodian.

Original, Director
Quintuple, Reg Three

AZTEC

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

AZTEC RUINS NATIONAL MONUMENT

AZTEC, NEW MEXICO

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Aztec Ruins
Name of Area

December
Month
1947
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		2	
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	45	180	1/2 hr
ther Museum	70	273	1/4 hr
Total	115	453	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks	1	65	3/4 hr
isplays and Exhibits			
eplies to Inquiries			
ther			

453
Total Receiving Interp. Serv.

273
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

6 page booklets	17
opular Studies	
ource Books	

NAME Irving D. Townsend.
TITLE Custodian

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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120905

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

December 28, 1947.

MEMORANDUM for the Regional Director, Region Three.

There follows a report of the activities at Bandelier National Monument for the month of December, 1947.

Weather

Cold snowy weather restricted travel during the greater part of the month to 48 less visitors than in December, 1946. The maximum temperature of 55 degrees occurred on December 26 and the minimum of 1 degree above zero came on December 11. 0.68 inches of precipitation fell in the form of snows on December 2, 3, 6, and 9.

Approach Roads

The approach road was in the best condition for some time at the beginning of the month but heavy truck traffic from the Atomic Energy Commission to new construction by them just south of Ancho Hill has had its effect and the road is again developing rough stretches. No snow is on the road except in the shade on Ancho Hill.

The road-maintenance-man spent much of his time on the rehabilitation and construction of signs and putting his tools into shape for next year.

Travel

Travel for the month of December of 373 visitors dropped 11% from that of December, 1946 as a result of cold weather, snow, and icy roads. The figures for the travel year still show a 43% increase with 3132 visitors.

Interpretation

The average party time in the ruins dropped to 59 minutes due to the inclement weather. The attendance in the museum was very low and

FOR DEFENSE


UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

BANDELIER NATIONAL MONUMENT

SANTA FE, NEW MEXICO

December 31, 1942.

MEMORANDUM for the Regional Director, Region Three.

There follows a report of the activities at Bandelier National Monument for the month of December, 1942.

Weather

Cold snowy weather restricted travel during the greater part of the month to 4d less visitors than in December, 1941. The maximum temperature of 55 degrees occurred on December 25 and the minimum of 1 degree above zero came on December 11. 0.04 inches of precipitation fell in the form of snows on December 2, 8, 9, and 24.

Improved Roads

The approach road was in the best condition for some time at the beginning of the month but heavy truck traffic from the Jemez Dam Dedication to new construction by-the Jack Smith Co. had its effect and the road is again developing rough stretches. No snow is on the road save in the shade on curves still.

The road-maintenance-man spent much of his time on the rehabilitation and construction of signs and putting his tools into shape for next year.

Travel

Travel for the month of December of 373 visitors dropped 111 from that of December, 1941 as a result of cold weather, snow, and icy roads. The figures for the travel year still show a 43% increase with 5317 visitors.

Interpretation

The average party time in the ruins dropped to 57 minutes due to the inclement weather. The attendance in the museum was very low and

Bandelier National Monument

the time spent there by each party was very short as the lack of heat in winter weather makes even the best exhibit uninteresting. Only when people were guided through the museum would they spend much time there.

Three illustrated talks were given outside of the monument by Ranger Onstott on the 10th of December. One was given to the assembly at Adams State College at Alamosa, Colorado, one to the assembly of the San Luis Institute of Arts and Crafts at San Luis, Colorado, and the third to the Colorado Archeological Society at Alamosa, Colorado. Total attendance at the three lectures was 335 people.

Boundaries

The latest information from the Atomic Energy Commission indicates that they plan on acquiring all of the Ramon Vigil Grant north of Highway 4 from Ancho Canyon to present Post 11. Their boundary would also continue down Frijoles mesa along Doe Canyon to the Rio Grande to include all of Ancho Canyon. In view of the acquisition of this land by the Atomic Energy Commission with the resultant closing of the area for security purposes, it has been recommended that consideration be given to extending the monument boundaries to Highway 4 to give a common boundary with Atomic Energy Commission lands. This would extend the monument boundaries from one half to one mile north of the present boundary and would include an area that is rich in numerous small Indian ruins.

Stabilization

Subfloor foundations tests were made during the month in 25 rooms of tiers 1 through 7 of Tyuonyi. Much deep trash in well defined layers was found under most of the rooms. Hard frozen ground to a depth of one foot has stopped testing indefinitely. A trench was dug along the northeast side of the community house in an effort to locate the rooms which are supposed to be under the over-burden behind tiers 4 through 8. No walls have been found as yet and it is hoped that after the ground thaws further trenching will show definitely whether or not such rooms exist.

"Before" pictures were taken of the 59 rooms of tiers 19 through 29 and the "after" pictures of the 49 rooms of tiers 12 through 18 were done. The walls of the 59 rooms of tiers 19 through 29 have been cleaned, thus making a total of 80 rooms ready for wall packing when the weather permits.

The walls of four rooms were packed as an experiment on the 22nd of December after three days of good clear weather. The mortar was well frosted the next day, so further packing was discontinued. As the weather has become so unfavorable to the bulk of the work necessary for stabilization, it is contemplated that about four more weeks of work will be done on the walls of Tyuonyi and the Long House and then work will be

terminated until the ground thaws in the spring.

Maintenance

John Bell of Santa Fe spent two days rearranging the electrical trunk lines to the residences to distribute the load more evenly between circuits. It appears that the single wire conduit laid to provide a three wire system was defective so all circuits were wired to the remaining two wire cable.

Painting the interior of Residence No. Three and the floors of Residence No. 1 was completed by Laborer Pino and Maintenance-man Valencia during the month.

The Standard Roof Company was requested to make inspection and correction of a leak which has developed in the roof over the lobby of the Lodge. No answer has as yet been forthcoming.

Administration

The custodian took annual leave from December 16 through December 28. Maintenance-man Valencia took annual leave from December 18 through December 27.

The annual inventory of property and equipment was completed during the month.

The Atomic Age approached within 1½ miles of the monument to the Prehistoric Age in the form of a new site being constructed by the Atomic Energy Commission on a mesa north of Frijoles Canyon.

The In-service-training meetings that were started in October for the National Park Service employees at Bandelier continued through the middle of December with emphasis on protection and law-enforcement, the archeology of the monument, and fiscal matters. Two meetings were held each week on Tuesday and Thursday evenings, and generally lasted for one and one half hours.

Fred W. Binnewies
Fred W. Binnewies,
Custodian.


RECEIVED
JAN 6 1948

ection 30
Reports
11 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Bandelier National Monument
Name of Area

December
Month
1947
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		2	2
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	38	194	59 min.
ther			
Total	38	194	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)	17	64	20 min.
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total	17	64	

ATTENDED INTERPRETIVE STATIONS	DAYS		
Museum Lobby	30	240	10 min.
(Give Name or Type) Total	30	240	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Trails of Tsankawi, Ceremonial Cave, Stone Lions, and Fire Lookout	30	80	
(Give Name or Type) Total	30	80	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks	3	335	120 min.
isplays and Exhibits			
eplies to Inquiries			
ther			

578
Total Receiving Interp. Serv.

373
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

6 page booklets	
opular Studies	
ource Books	

NAME Fred W. Kinnewies
Fred W. Kinnewies,
TITLE Custodian.

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

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DEC 29 1941
OFFICE

120505

CANYON DE CHELLY NATIONAL MONUMENT
CHINLE, ARIZONA

December 19, 1947

MEMORANDUM for the Regional Director, Region three.

The following is a report on activities at Canyon de Chelly National Monument during December, 1947.

General

The nationwide publicity given the story that 60,000 Navajo indians are starving has focused the attention of the whole country on this section.

Although their might have been some need for help in some localities, the Navajos in this region are better off than they have been for some years and do not face starvation nearly as much as they have in past years. As a result of stories that they will be taken care of, weaving has slowed down and workmen are quitting their jobs in other localities to come home and get in on the free eats and clothing.

Weather Conditions

Winter weather began in November and has continued to date. Both Maximum and Minimum temperatures have been below normal for the past two weeks with minimum temperatures below 10 degrees the lowest being 4 on several days. Maximum temperatures have risen above 35 degrees on only a few days, the highest being 49 degrees on December 3. There has been 1.13 inches of rainfall and snow. Roads were in bad shape during the early part of the month but since the cold weather has set in they have frozen and are passable.

Maintenance

The Pump engine was worked over again and some repairs made to the water and sewer systems. Roads have been graded twice to Garcias store to take off high centers. Small maintenance jobs and cleanup. The automotive equipment was also worked over and a new brake cylinder installed in the dodge 2x4.

Soil and Moisture

The bank protection and planting project was completed on December 3. Adverse weather conditions made work disagreeable but I believe that much good will be accomplished.

The following is a report on activities at Dargon on Shelly Bayou
[illegible] during December, 19[illegible].

Rainfall

[illegible] the coastal prairie. Since the story that can be told in [illegible]
[illegible]ers has focused the attention of the whole country on this section.

[illegible] that night was home and for help in some [illegible]
the Burton is this region are better off than they have been for some years
and do not face alternatives nearly so many [illegible] as they [illegible]. It
a result of events that will be told more [illegible], [illegible] has risen
and workers are visibly [illegible]. They [illegible] to wear [illegible] and [illegible]
in on the [illegible] and clothing.

The Day Nursery

[illegible] was the Dargon [illegible] and has continued to [illegible]. Both
Burton and Dargon [illegible] [illegible] normal for the past two
weeks with minimum temperatures below [illegible] degrees the [illegible] on
several days. Burton [illegible] [illegible] [illegible] only
a few days, the highest reading [illegible] [illegible]. There has been
[illegible] of rainfall and [illegible]. Small [illegible] [illegible] the
early part of the month but since the mid [illegible] two and [illegible] have
fewer and are [illegible].

Maintenance

The [illegible] was waxed over [illegible] and [illegible] polish [illegible] the
water and sewer systems. [illegible] have been [illegible] to install [illegible]
to take [illegible] heavy [illegible]. Small [illegible] [illegible] and [illegible].
[illegible] [illegible] [illegible] and a new [illegible] [illegible]
in the [illegible].

Jail and Detention

The [illegible] and [illegible] [illegible] are completed as [illegible].
[illegible] will be [illegible].

Administration

This report is being made early as the Custodian entered on annual leave status December 15. He did not leave the area until December 20. A caretaker has been employed to look after things while he is away.

All reports have been made and office work brought up to date before leaving.

One trip was made to Gallup, New Mexico for supplies and equipment on December 2.

Travel

As to be expected under existing road and weather conditions travel was very light with only 14 visitors. A party of four accompanied me to Antelope and White house during the soil and moisture work. One visitor spent considerable time in my office getting information. I finally found out that he was organizing a group called "The Band of Galahad" and that this country would be used to make a last ditch stand against the forces that are undermining Democracy.

Visitors

Mr. Mart Theisen of Look magazine and Dr. Silver Meyers of Keams Canyon were in getting pictures of Starving Navajos for a forthcoming article. N.P.S. visitors were Charlie Steen and Gordon Vivian who visited the area on December 9 and 10 to look over stabilization needs at White house.

Government Publications

2-fold leaflets.....1759
Glimpses of N.P.....20
Map folders.....120
Mimeographed leaflets....400
Map folder # 6.....300

Greetings

To all of our personnel in the National Park Service a Merry Christmas and a happy and successful New Year.

Meredith M. Guillet
Custodian

Introduction

This report is being made early as the Committee planned to spend a leave starting December 15. We did not learn the area until December 20. A questionnaire has been developed to look after things while in the area.

All reports have been made and action must brought up to date before leaving.

The trip was made on foot, by mules for supplies and equipment on December 6.

Travel

We to be expected under existing road and weather conditions travel was very light with only 24 visitors. A party of five accompanied me to Jalapa and Ed to house during the mail collection work. One visitor spent considerable time in my office getting information. I finally found out that he was organizing a group called "The Band of Islands" and that this country would be used to make a last ditch stand against the forces that are undermining democracy.

Theatre

Dr. Bert Phelps of Lord Marjolaine and I, Silver Spurs of Texas Centre were in putting pictures of Starring Jeanie for a forthcoming article. M.P.S. visitors were Charlie Evans and Dorcas Tilden who visited the area December 9 and 10 to look over rehabilitation needs at Chiche House.

Personnel Difficulties

Sick Days	10
Illness of Dr.	10
Day Visits	10
Unexcused Visits	20
Day Other	30

Conclusion

In all of our personnel in the Regional Dept Service a Merry Christmas and a Happy and Successful New Year.

Harold B. Hollis
Director

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

CANYON DE CHELLY NATIONAL MONUMENT
Name of Area

DECEMBER
Month

1947
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		ONE	
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other	1	3	3 hour
Total	1	3	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)	1	1	30 Min.
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

Total Receiving Interp. Serv. 4

Total Number Visitors to Area) 14 (10

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	
Popular Studies	
Source Books	

NAME Meredith M. Cuillet

TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Custodian on Annual leave starting December 10.

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120925

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
SOUTHWESTERN NATIONAL MONUMENTS
~~COOLIDGE, ARIZONA~~

ADDRESS REPLY TO
THE SUPERINTENDENT

Capulin New Mexico,

Memorandum for the Regional Director
Region Three, National Park Service
Santa Fe, New Mexico.

There follows a report of the activities in and around Capulin Mountain National Monument for the Month of December 1947.

Approximately six hundred visitor to the Volcano during the month, bringing the total visitors Travel year to date to five thousand one hundred and the visitors, Fiscal year to date to twenty four thousand six hundred,

Weather has been the chief topic of the day Probably the coldest December on record here, cold weather beginning about the fifth of the month and lasting up until Christmas, between the tenth and twentieth we had six days showing below Zero on the morning of the thirteenth seventeen below Zero, and four days as low as ten below, about fifteen inches of snow altogather during the month, Today the 26th it is much warmer and snow is melting some and the ground is still solid covered,

The spiral road to the top of the Volcano is not open and has been closed for several days account of the deep drifted snow, The Custodian will probably be able to get it open to the public by tomorrow, at least we hope,

All roads off the Paved highways are in bad condition in the vicinity, very muddy some snow and ice are mostly impassable without chains,

The Special Elk season in the vicinity of this Monument was quite an event this season, One hundred fifteen permits were issued and well over one hundred kill was reported, The Custodian here has been eating Elk venison but not thru his own efforts, his Son got a permit,

Very Respectfully,

Homer J. Farr,
Custodian

DEC 29 1947

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Capulin Mt Nat'l Monument
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		One	
Temporary			

Dec.
Month
1947
Year

CONDUCTED TRIPS None,	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS None,	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS None,	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Wayside markers pointing out five of the principal points of interest,			
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

two hundred
Total Receiving Interp. Serv.

six hundred,
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	
Popular Studies	
Source Books	

NAME Homer J. Farr,
TITLE Custodian,

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UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

December 25, 1947.

MEMORANDUM for the Regional Director,
Region Three.

There follows the narrative report for Casa Grande National Monument for December, 1947.

General: The 1947 holiday season finds us still plenty busy, with definite possibilities that we will be busier. An epidemic of colds and flue hit the monument but at this writing, except for the children, it is now under control. Shortage of water is still a major problem and a program of irrigating now to get the soil in shape for spring plantings has been initiated in the valley, in the hope that it will cut down on the demand for water during the peak periods of use. A new schedule of airline service to Coolidge is in the process of being developed.

Weather: Compared to records made since 1941, this report period has been one of the coldest. With the exception of 5 days all minimums were below freezing and for seven days during the time, the maximums did not go over 60. The last week we started to get typical Arizona weather with maximums of 71 and 70 recorded. Nights continue to be cold with minimums running around 23. .90 inches of rain fell during the month.

Visitors: December 1947; 3461: Dec. 1946; 2705: Travel year to date - 1947; 9081: Travel year to date - 1946; 7816: Travel year to date - 1941; 3924. The usual pre-Christmas lull was noticed with our travel dropping a little below Nov. However compared to other Decembers on record it is still way above any of them. Ticket sales revenue amounted to $570.00 with 1900 tickets sold. SWNM Association book sales for the month was $183.42 and for the quarter $412.92.

Interpretive Service: Of the 3461 visitors to the area, 2249 made the Ruins trip in 182 trips averaging 51.1 minutes per trip. 2076 made the museum trip in 165 groups averaging 26.3 minutes per trip. 1212 people came into the area to take a quick look at the monument or bring other people to see it, but did not make the guided trip. "Why do you keep all these broken dishes around?" was the question that was hardest to answer.

Maintenance: The cleaning and regrading of the ditches along the entrance road was completed. Doors and windows in quarters # 2-4 are in the process of being worked over. The bathroom window is pulled out and rebuilt and new plaster and stucco applied around it.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Administration & Protection: Two trips were made to the Adamsville Site and on the last trip some evidence of vandalism was found. The map case refiling and cataloguing was completed.

Trips Taken: Mechanic Stonehocker made one trip to Phoenix for parts.

MPS Visitors & Visitors of Note: Regional Director Tillitson paid us a brief visit on Dec. 3. P. K. Richardson of the Phoenix Weather Bureau Office checked over our observation equipment on Dec. 4, and Custodian Egermeyer brought in some equipment to be repaired in the shop on the same date. Dec. 11, Mr. Obrien of Gila Pueblo stopped in to say hello. Dec. 21, Custodian Hastings and family, on a postmans holiday, gave us the once over.

Mechanics Activities: The following equipment was worked on and general repairs made to it.

Area From	Equipment.
Region Three	Auto Car
Casa Grande	Sewer Pump
Saguaro	Ford Dump
	Ford Stake
	Chev. Pickup
	Horse Trailer
	International Pickup
Organ Pipe	Moter Grader
	Horse Trailer

A. T. Bicknell,
Custodian.




DEC 23 1947

ection 304
Reports
11 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

CASA GRANDE NATIONAL MONUMENT
Name of Area

December
Month
1947
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	1
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	182	2249	51.1 Minutes
ther	165	2076	26.3 "
Total	347	4325	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Museum & Etc.		1212	
(Give Name or Type) Total		1212	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries			
ther			

GOVERNMENT PUBLICATIONS SOLD	(number)
6 page booklets	108
opular Studies	
ource Books	

4325
Total Receiving Interp. Serv.

3461
Total Number Visitors to Area

NAME A. T. Bicknell

TITLE Custodian.

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

P-1 Archeologist Position Still Not Filled.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 10TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

DEC 23 1947
120 [illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Chaco Canyon NATIONAL MONUMENT

Bloomfield, New Mexico

December 24, 19 47

MEMORANDUM for the Regional Director, Region Three,
National Park Service.

There follows the report of activities in Chaco Canyon National Monument for the month of December, 1947.

Chaco Canyon had a total of four visitors this month, who came in one automobile, from the state of New Mexico, who took a trip through the ruins and listened to the museum talk. The Custodian spent a total of seventy-five minutes with them. The weather this month has been unusually cold, see below. As a result, the roads are in poor shape and discourage visitors. However, we have been promised that the road will be graded this week.

The coldest this month was 2 degrees on the 13th of December and the warmest was 57 degrees Fahrenheit on the 29th of November. There was .21 of an inch of precipitation which came on the 2nd of December. This month has averaged almost 10 degrees colder than the same period a year ago.

Several jobs were brought to a conclusion this month, and several other jobs were accomplished.

The sewer line at the Custodian's residence became stopped, but was opened on the last warm day.

Two stop-and-waste valves refused to function and had to be replaced.

One water line, so far this winter, has frozen and is not yet thawed.

The water pump was installed, thanks to Gordon & Men, and is operating in excellent fashion.

The main road through the Monument has been graded. It is hoped that they will stay in good shape throughout the winter, for our blade is not heavy enough to do much good on frozen ground.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

This month saw the completion of the planting program. More than 1,000 posts were brought in. Most of them were planted to form "living spiders", which retard the rate of flow of the stream in the arroyo. This job was completed with the aid of Custodian Townsend of Aztec Ruins National Monument, near which Monument the posts were obtained and on which Monument the Navajos camped while cutting the posts, and Foreman Roscoe Dudley of Aztec, New Mexico. Soil Conservationist Paul Balch supervised the work here at Chaco Canyon several days.

After the planting was completed, the men spent several days cutting tamarisk for erosion control work in the spring.

Radio contact with El Morro National Monument has been satisfactory. The colder the weather, the better the reception.

National Park Service visitors were Charlie Steen and Paul Balch.

The Trader is today having Christmas for the Navajos who traded with him the past year. He gives each man, woman and child, a sack containing an orange, candy, stick candy, all day sucker, chewing gum, peanuts, etc. Then, he contributes the foodstuff for a picnic, where they build a fire, boil coffee and have a feast.

Projects for the ensuing month:- take inventory, try to prevent more pipes from freezing and breaking, hope for a warm January, make plans for next year in the way of ruins talk, new ideas for the museum, roads, buildings, etc.

At the end of the month, there were on hand:-

Free two-fold leaflets describing Chaco Canyon National Monument, approximately..8190
National Park Location Map, Number 8..... "..... 322

There follows the report of Archaeologist Gordon Vivian.

Irving McNeil, Jr.
Custodian

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Chaco canyon NATIONAL MONUMENT

Bloomfield, New Mexico

December 24 19 47

MEMORANDUM for the Custodian,
Chaco Canyon National Monument.

There follows the monthly narrative report of Mobile Unit activities in your area for December, 1947.

Despite what your thermometer says about the cold nights, working conditions have remained very good for this time of year. The cold limits the repair masonry to the amount we can protect from freezing but the days have been clear. Light snow flurries were experienced three days during the month but none has remained on the ground to hinder operations.

The only visitor of note at Chetro Ketl this month has been a large wild cat who apparently inspects the work nightly. After each snow his tracks have been found on the runways leading to the interior rooms.

One cold trip was made to Canyon DeChelly this month in company with Archeologist Steen of the Regional Office. An average of two rough truck trips a week have been made out to Farmington or Aztec hauling the remainder of the cement, coal for the office, reinforcing steel from Aztec Ruins and sand for concrete mortar. This road out north is in deplorable condition and as Steen said it resembles nothing so much as either a lava flow or a Chaco road.

Cleaning of the wood specimines recovered from room 93 is progressing slowly as either foreman Hixey or I find time to work on them. Some material has been packed to send in for identification, it includes: hide, tanned buckskin, cordage, wrapping which we think may be sinue, beans, pumpkin seeds, and some scatological remains.

Some preliminary work has been done on the drainage channel east of Chetro Ketl in the area recommended by Paul Balch. This preliminary work was done now because this is the one time of the year when soil conditions are perfect up there for operation of the motor grader. Considerable time and money has been saved by opening this ditch with the grader and a small slip instead of waiting till the soil had dried out and the use of horse drawn equipment would have been necessary. This construction will not interfere with the planned building of basket dams or other structures.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Chaco Canyon ..... NATIONAL MONUMENT

..... Blanco(ISC), New Mexico ..

December 31 19 47.

for the Secretary,
Chaco Canyon National Monument.

There follows the monthly narrative report of Public Work activities in four area for December, 1947.

Despite most poor thermometer reps among the cold nights, working conditions here remained very good for this time of year. No cold limits the regular recovery to the ground we can protect from freezing but the days have been clear. Light snow flurries were experienced three days during the month but none has remained on the ground to hinder operations.

The only visitor of note at Chaco Unit this month has been a large wild cat who apparently improves the work nightly. Four mod more Pla trails have been found on the premises leading to the interior rooms.

The coal strip mat made to Durgan Locally this month in company with Archeological Crews of the Regional Office. An average of two truck trips a week have been made to Farmington or Cuba hauling the remainder of the season, coal for the office, reinforcing steel from Cuba and sand for concrete mortar. This road mat which is in deplorable condition was given scrim it resembles nothing so much as either a Love Flue or a Chaco road.

Grading of the wood specimens recovered from from 93 is processing slowly as either foreman Sloey or I find time to work on them. Some material had been packed to send to Dr Chrisfield, it includes: hide, basket, buckskin, cordage, wrapping which we think may be stone, beans, juniper seeds, and some zoological remains.

Some preliminary work has been done in the drainage channel west of Chetro Ketl in the area recommended by Paul Beidleman. This preliminary work was done now because this is the low time of the year when soil conditions are perfect by there for operation of the water grader. Considerable time and money has been saved by opening this ditch with the grader and a small ally instead of waiting till the soil had dried out and the use of horse drawn equipment would have been necessary. This construction will not interfere with the planned building of basket dams or other structures.

-2-

Chaco Canyon Monthly Rep.

A hole at the southeast corner of the ruin, outside and left from the excavations of 1920 has been filled. This is the place that was damed off during the last flood to prevent water running into the "moat". Also in this area several piles of excavation rubbish were removed.

Within the ruin fill removed from 93 was used to grade up a sunken area in the northwest corner of the plaza. Flood debris taken from a series of three rooms, 52, 55 and 47 is being used as backfill in 36. Surface drainage in 109, an unexcavated room, was corrected and run to the east to prevent water from draining down through a story and a half of fill into 43.

With one exception all repair masonry laid has been on the east side between the high kivas G and H and the damaged area of the north wall. The purpose here has been to provide bracing around the kivas which are badly cracked and to build up support between the kivas and the back wall.

The south walls of 39 and 40 have been brought up in heavily reinforced masonry mortar to midway of the second story. This forms the north enclosure of Kiva G/H and the area between it and the kiva wall is being backfilled.

The eastern enclosure for the kivas is formed by the west wall of 38 which was badly shattered. It has been taken down and relaid with reinforcing tied into the corner of 39 and 40. Continuing this work northward the east and north walls of 39 were brought up to support a half story of overhanging wall and the west wall of 41 was tied in to a large buttress area built under an overhanging section in 44.

In the western section a large U shaped break was filled in the north wall of 61.

In progress at present is the repair of a large break in 43 east. Here a large patch made during the excavation program about 1932 has fallen out. It is roughly the entire width of the wall and some ten feet high.

The sectional steel scaffolding has been in use for some time now. It is light, easily handled and can be assembled very rapidly. The one difficulty with it is its size. It is too long to go into some rooms and too short to provide adequate scaffolding in others. To get maximum use from it we should have a wide variety of the different cross ties which determine the length of the assembly. However it is fine stuff for building heavy runways and photographic towers.

Gordon Vivian

Gordon Vivian
Archeologist

A body at the southeast corner of the room, outside and left from the observations of [illegible]. That is the place that was found not during the last flight in progress when counting into the "west". Also in this area several piles of [illegible] were removed.

Within the [illegible] removed from it was used to [illegible] area in the northwest corner of the place. Final deposits [illegible] of three rooms, 55, 57 and 47 is being used to [illegible] in 35. [illegible] in 1889, in [illegible] pump, was [illegible] and run in the east to prevent water from [illegible] down through a sandy soil a half of [illegible] 41.

[illegible] all irregular masonry late was [illegible] on its east side between the [illegible] 6 and 8 and the damaged area of the north wall. The purpose here has been to provide [illegible] against the other [illegible] [illegible] and to [illegible] an opening between the [illegible] and the [illegible] wall.

The south walls of 39 and 41 have been [illegible] by an heavily reinforced masonry [illegible] of the second story. This forms the north boundary of [illegible] and the area between it and the [illegible] wall is being [illegible].

The [illegible] entrance for the [illegible] is formed by the east wall of 38 which are badly shattered. It has been [illegible] with [illegible] which [illegible] the corner of 39 and 40. Continuing this work [illegible] the east [illegible] wall of 39 was [illegible] by [illegible] half [illegible] of [illegible] wall and the west wall of 41 was [illegible] in a large [illegible] [illegible] an [illegible] section in it.

In the [illegible] section a large 8 inched beam was fitted in the north wall of 41.

In [illegible] at [illegible] in the [illegible] of a large [illegible] 42 west. Here a large [illegible] [illegible] the [illegible] [illegible] 1898 Bar [illegible] was. It is roughly the [illegible] of the wall and some two feet high.

The [illegible] steel [illegible] has been in use for [illegible] time. It is light, easily [illegible] and can be [illegible] very rapidly. The two difficulties with it is the wire. It is too long to [illegible] [illegible] to allow to provide adequate [illegible] in [illegible]. In [illegible] type it is [illegible] a wide variety of the different [illegible] [illegible] determine the length of the [illegible]. However it is find that for [illegible] [illegible] [illegible] [illegible].

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Chaco Canyon National Monument
Name of Area

December
Month

1947
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		(1) custodian	
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	1	4	60
Other			
Total	1	4	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)	1	4	15
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	1	4	

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total	0	0	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total	0	0	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	8	Written inquiries	
Other			

8
Total Receiving Interp. Serv.

4
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	
Popular Studies	
Source Books	

NAME Irving McNeil, Jr.

TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Approach roads described by one as "like driving over a lava bed". Nuf sed.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
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ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

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INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

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TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

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DEC 8 7
120905

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

CHIRICAHUA NATIONAL MONUMENT

Dos Cabezos, Arizona,

December 27, 41

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities at Chiricahua National Monument for December.

General. The custodian took 3 days sick leave and 3 days annual leave during the period. Operator Marble took 1½ days sick leave and 3½ days annual leave. Propane gas has been short in the local towns and several trips were made in search of it. The Shell Company at Lowell finally received some and notified us. A trip was made immediately to replenish our supply. All of this has somewhat slowed down activities at Chiricahua.

Weather Conditions. Two light snows fell and we have had some extremely cold windy weather. Some of the old timers were heard to remark that they had never seen it so cold this time of the year. Weather records hardly agree with these statements, but it has been cold enough to slow down the travel and freeze some of the plumbing.

Maintenance. Some time was spent thawing out rest room plumbing but nothing serious developed.

Approaches to Monument Area. Approach roads are all remaining in good condition for dirt and gravel roads. Work has started on the grading of State Highway 181 for oiling next spring.

Interpretive Service. Due to shortage of help, sick and annual leave, interpretive service did not receive it's usual attention. 384 visitors were contacted in the museum in 106 parties.

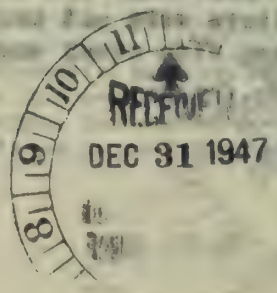
Travel. Travel dropped this month as only 532 visitors were counted. This compares with 890 for November of this year and 712 for December of last year. We are now leading last travel year by only 24 visitors. This drop was probably due to the weather and it is also very likely that all of the visitors were not counted, as considerable of the counting was done in connection with other work and on days off.

DEC 31 1941

Clair V. Cooke
Clair V. Cooke,
Custodian.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL MONUMENT



ection 304
Reports
11 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Chiricahua National Monument
Name of Area

December
Month
1947
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	1
Temporary			1

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Headquarters Museum	31	384	½ hour
(Give Name or Type) Total	31	384	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Massai Point Orientation Station(Estimated)	31	266	½ hour
(Give Name or Type) Total	31	266	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

650
Total Receiving Interp. Serv.

582
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	
Popular Studies	
Source Books	

NAME Clair V. Cooke
Clair V. Cooke

TITLE Custodian.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

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INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

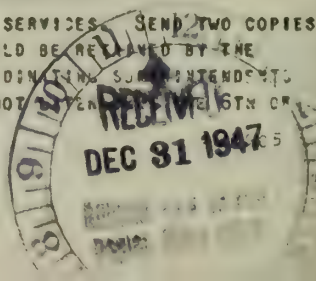
COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

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THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN 15TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.



UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

~~El Morro~~ NATIONAL MONUMENT

~~Ramah, New Mexico~~

~~December 25,~~ 19~~47~~

MEMORANDUM for the Regional Director, Region Three.

There follows the report of activities in El Morro National Monument for the month of December, 1947.

WEATHER: During the first two weeks of the report period we had abnormally warm weather which brought four days of light rains and snow. Precipitation amounted to .19 inches. Temperatures ranged from a maximum of 54 degrees to a minimum of 4 degess below zero.

TRAVEL: A total of 14 visitors arrived at the monument in six cars. The 76 percent decrease in travel from the same period last year can be attributed to very poor road conditions, caused by four days of rain and thaw. Six tours of the inscriptions were made by the 14 visitors. One illustrated talk was given to the Gallup Kiwanis Club on December 11th.

APPROACH ROADS: The Indian Service graded the 14 mile stretch between Ramah and the Ramah Day School. This was the first time in two years that a grader has been on this part of the Gallup road. The road to Grants was passable only when frozen.

PUBLIC HEALTH: The last report on our water supply showed contamination below the doping tanks and it was found that one of the valves was not closing completly. This valve will be replaced when a new one can brought in from Gallup. Clorination in the meantime is not exact, but from the taste it is certainly sufficient.

GENERAL: Nine days of annual leave were taken to help in the care of the new member of our family. A Navajo squaw would probably have been more efficient help, but none of them wanted to work.

Number of copies of free publications on hand as of the end of December, 1947.

2-fold Spanish edition----------3738
2-fold english edition---------- 562
16-page booklet----- ----------7657

Bates E. Wilson,
Custodian.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

NATIONAL MONUMENT

GRAN QUIVIRA, NEW MEXICO

DECEMBER 27 47

MEMORANDUM for the Regional Director, Region Three.

The following is a report of activities at Gran Quivira National Monument for the month of December, 1947.

General. Weather conditions during the Thanksgiving and Christmas holidays were ideal and travel for the month has been well ahead of December of last year. Road conditions throughout the period have been above average.

Weather Conditions. Snow and rain on December 2 and 3 yielded .49 inches of moisture. A storm of blizzard proportions on December 12 added another .05. A low of 7 degrees was recorded on December 13; a high of 61 degrees on December 27.

Special Activities. Mrs. Bowen and I made a "get-acquainted" trip to White Sands National Monument on December 10 and 11. We enjoyed meeting the folks, but were sorry to have missed Custodian Farris who was away at the time.

On December 17 I presented a group of kodachromes and gave a talk on New Mexico's National Park and National Monuments to the Belen Rotary Club.

Maintenance. 8½ miles of telephone line was moved from the highway right-of-way during the month. Work was started December 1 and completed December 26. The Custodian's time on this job totalled 146 hours.

Work on the construction of a 2-wheel trailer on the axle secured from Bandelier National Monument should be completed within a few days.

Several evenings were devoted to a detailed study of the workings of the oil heater.

Approaches to Monument Area. Work on the construction and oiling of 8½ miles on State Highway 10 south from Mountainair toward Gran Quivira began on December 11. C. I. Martin is the contractor.

The State maintainer graded the road from Mountainair to Gran Quivira during the month and it is now in good condition.

Interpretive Service. Absence from the Monument during most of the month cut down on the interpretive service rendered. Ten parties totalling

CASE STUDIES

Case Study 4: Ms. Ellis

Background

Ms. Ellis is the Regional Director, Region Three.

The following is a report of activities at Fund activity Headquarters for the month of December, 19xx.

General. Weather conditions during the forecasting and fertilizing periods were ideal and travel for the month has been well ahead of December of last year. Road conditions throughout the period have been above average.

Winter Conditions. Snow and rain on December 3 and 5 played .49 inches of moisture. A storm of blizzard proportions on December 11 added .38". A low of 7 degrees was recorded on December 14; a high of 61 degrees on December 17.

Special Activities. Mrs. Ellis did I make a "Pre-Departure" trip to Costa Verde National Monument on December 10 and 11. The weekend was the first, but very busy, it has placed Ms. Ellis with the org at the time.

On December 17 I planned a group of Volunteers and gave a talk on New Mexico's Natural Life and Natural Resources to the Belen Rotary Club.

Difficulties. My wife of 7 days was moved from the highway right-of-way during the month. There was another December I had completed on. The Secretary's time on this [illegible] date.

Here is the description of a 3-shed trailer on the site Weather Time [illegible] Weather should be completed within a few days.

Travel Monthly was devoted to a detailed study of the results of the all-weather.

Interpretive Program Area. Work on the conservation and utility of my notes on this figure. It would from Mountainair Ranch Estate Depts on December 12. 5, 7, Marie is the contract.

The Area maintenance graded the road from Mountainair to Tres Piedras during the month and it is now in good condition.

Interpretive Service. Changes from the Secretary during most of the month not done on the interpretive service produced. The parties [illegible]

28 people were conducted through the Mission.

Increase or Decrease in Travel. There were 29 cars and 98 visitors to the Monument during the month. As indicated below this is an increase over December of last year. Cars for the Travel Year exceed last year; however, the visitor figure is slightly lower.

December, 1947	Cars	29	Visitors	98
December, 1946	Cars	19	Visitors	63
Increase or Decrease	Cars	10	Visitors	35
Percent		53%		55%
This Travel Year	Cars	98	Visitors	293
Last Travel Year	Cars	90	Visitors	318
Increase or Decrease	Cars	8	Visitors	-25
Percent	Cars	8.8%	Visitors	-7.8%

In Compliance with FC 601.
Gran Quivira 2-fold Leaflet Issue date-1948 On hand 5400
(Note: 5000 of the above were received during the month.)

William L. Bowen,
Custodian.

DEC 30 1947

Section 304
Reports
11 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

GRAN QUIVIRA NATIONAL MONUMENT
Name of Area

DECEMBER
Month
1947
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		One	
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	10	28	47
Other			
Total	10	28	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks *	1	50	35
Displays and Exhibits			
Replies to Inquiries	6		
Other			

28
Total Receiving Interp. Serv.

98
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	
Popular Studies	
Source Books	

NAME William L. Bowen
TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Talk & kodaslides to Belen Rotary Club on Dec. 17. Low record of contact due to absence while working on telephone line.

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COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

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126905

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

GREAT SAND DUNES NATIONAL MONUMENT
MOSCA, COLORADO.

December 26, 1947

MEMORANDUM for the Regional Director,
Region Three.

There follows the report of activities in Great Sand Dunes National Monument for December, 1947.

WEATHER. Cold winter weather came to the San Luis Valley, and Alamosa was again the coldest spot in the U.S.A., on December 11, with a minimum temperature of -17 degrees.

The minimum temperature at headquarters registered -13 degrees on the same date. From December 10 to 14, the temperature ranged from -5 to -13.

Snow fell on December 2,3,5,8,9,10,11,12 and 21. The Sangre de Cristo range is covered again with snow, and around headquarters it measured four inches. At present writing, it is about two inches deep. Cold weather has prevented snow from melting and a great deal of fog in the San Luis valley also kept temperatures low.

It is a pleasure to report that the water line did not freeze during this cold snap.

TRAVEL. One hundred ninty-eight visitors in sixty-one cars, visited the Sand Dunes during this report period. Nine states were represented. Three people had lunch in the camp-ground.

DECREASE IN TRAVEL. For December, 1946, 68 cars and 250 visitors.

The cold weather caused the decrease in travel for December, 1947.

ROADS. The approach roads remained in excellent condition, although covered with four inches of snow. At present writing, the weather has warmed up enough during the day to allow snow to melt, and there are only a few sections of the road that still show snow.

COMPLAINTS. None!

N.P.S. VISITORS. Clerk Glen Bean and Ranger and Mrs. T.B. Onstott of Bandelier National Monument, paid a too short visit on December 11.

ACTIVITIES. The custodian was on sick and annual leave during the report period.

SPECIAL ACTIVITIES. The stork skidded on the icy sand dunes, making a 3.2 landing. Jenny Anna Sowers arrived forty-five days too soon at the Alamosa

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

December 16, 1937

Memorandum for the Regional Director,

Region Three.

There follows the report of activities in Great Sand Dunes National Monument for December, 1937.

Weather. Cold weather overlay came to the San Luis Valley, and lingered for nearly the entire month with the coldest spell in the U.S.A., on December 11, with a minimum temperature of -17 degrees.

The Sierra Blanca Mountains reflected -15 degrees on the same date. From December 10, to 14, the temperature ranged from -9 to -15.

Snow fell on December 2,3,5,6,8,9,10,11,12 and 13. The depth on Dipsey Pass ranged from several feet to several spots with snow, and around headquarters it measured four inches. At present writing, it is about two inches deep. Cold weather persisted with fine melting and a great deal of fog in the San Luis Valley due to warm temperatures low.

It is a pleasure to report that the water line did not freeze during this cold spell.

Visitors. One hundred eighty-eight visitors in sixty-one cars, visited the Sand Dunes during this report period. Nine states were represented. Three people had lunch in the camp-ground.

Weather in Brief. For January, 1938, 28 days had 3PM visitors.

The cold weather lasted the Canyons in Great for January, 1937.

Roads. The cyprian trail remained in excellent conditions, although covered with four inches of snow. At present writing, the weather has veered up several degrees during the day to allow snow to melt, and trails are soft. The remainder of the road that will show soon.

Personnel. None.

C.C.C. Camps. Glare Glen and Dunter and Cry, U.S. Quality of Recreation Research Committee, paid a two story visit on December 11.

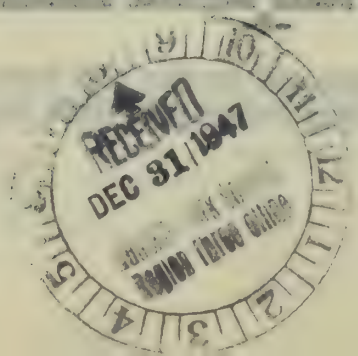
Publicity. Nothing new on file and natural Lumne during the report period.

Travel. The study related on the key cone cones, during U.S.D Inventory. Dunes Sierra arrived forty-five days too soon at the Dunes

Hospital. Born on December 7, at 5:43 PM., weighin in at four pounds nine and one-fourth ounces.

PUBLICATIONS. There are on hand, 1738 mimeographed informational leaflets.

Ted C. Sowers,
Custodian.


RECEIVED
DEC 31 1947

ection 304
Reports
11 and 420

120905

MONTHL. STATISTICAL REPORT OF INTERPRET. E SERVICES
IN NATIONAL PARK AREAS*

GREAT SAND DUNES NATIONAL MONUMENT
Name of Area

DECEMBER
Month
1947
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther			
Total			

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
ontact Station	0	0	0
(Give Name or Type) Total	0	0	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries			
ther			

0
Total Receiving Interp. Serv.
198
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
6 page booklets
opular Studies
ource Books

NAME Ted G. Sowers
TITLE Custodian

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Custodian on sick and annual leave during entire report period.

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ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

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INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

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INSTRUCTIONS FOR FILLING OUT THE FORM

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COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

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DEC 31 1941
Regional Office

120905

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Montezuma Castle National Monument
Camp Verde, Arizona

December 24, 1947

MEMORANDUM for the Regional Director, Region Three.

There follows the monthly report of activities at Montezuma Castle National Monument for the month of December 1947.

Visitors this month - 580; travel year - 3124.

Administration Custodian and Mrs. Hastings and the girls began a Christmas vacation the 20th. They intend to return the 31st.

Archaeologist and Mrs. Schroeder and son returned from their vacation to New York the afternoon of the 18th. Al resumed duty the 20th.

Although Archaeologist Schroeder was gone most of the month close watch was kept of the Well. Inspection and patrol trips were made there twelve times during this period.

A trip was made to the county court house in Prescott for information concerning water rights at the Well.

Several trips were made to Cottonwood and Clarkdale for supplies and repairs and to conduct other official business.

Travel has dropped again over the previous month. Cold and stormy weather that made for icy roads on Mingus Mt. and Oak Creek Canycn was undoubtedly responsible. Many of our visitors have commented on the difficulty they have had on the slick roads during the storm.

Weather A snow storm hit the area on the 8th giving the valley considerable moisture. The surrounding high country was covered with a heavy blanket. Over an inch and a quarter of precipitation was received during the month. The low temperature recording for the month was 15° and the high was 74°.

Publicity New three fold informational leaflets of Montezuma Castle were received from the Government printing office. A few requests for folders that have been on hand for some time were filled.

Maintenance Official warning signs were replaced in the Lower Ruins and garage.

A new starter switch was installed in I-13834 and the battery box enlarged to accomodate new oversize battery.

Hydrants and fountains were removed, where not needed, for winter

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

protection.

The irrigation ditch at Montezuma Well was repaired in several places where it had broken through.

Road signs along the entrance road were spot painted where rust was working on the bullet hole breaks.

Two coats of linseed oil were applied to I-13852 pick-up bed to "set" the wood surface.

Fallen leaves were raked from Castle path.

White flourescent tubes were installed to replace blue ones. We find the white tubes light more quickly and burn more steadily in cold weather. Line starters were also replaced in the flourescent units in the museum display cases.

Equipment A new 8 cubic feet General Electric refrigerator was received from the Arizona Wholesale Supply Co. of Phoenix and installed in Residence 1.

A surplus Kardex File was received from Grand Canyon.

Practically all the wiring assembly in I-13852 was burned out. A short near the generator was apparently responsible. All the wiring and the generator were replaced. We might consider it fortunate the fire didn't destroy the truck and the garage. It was not discovered until most of the damage had been done.

The pick-up bed was removed from I-13852 and new planking installed in place of the old broken and splintered planks.

Another set of shelves was braced and installed in the office to provide more space for the library and storage.

Research The project to bring the Castle museum catalog up to date was continued as time allowed.

Two crania were taken to the Museum of Northern Arizona for photographing. The photographs will accompany Miss Katherine Bartlett's report on the skeletal material of the Castle and Well.

Sanitation The water supply system at the Castle was disinfected with chlorine to eliminate possible dangerous contamination.

Use of Monument Facilities by Public Accurate travel count was recorded for the Castle only as there was no one on duty at the Well most of the month. Visitors at the Castle numbered 580. They came in 179 cars. Tickets were sold to 163 visitors; 5 were issued Complimentary Tickets; and 21 children were admitted without charge.

Contact Time Total contact hours, 83.25; Hastings, 38.00; Leding, 45.25. Fifty nine trips were made through the Castle for 189 people. Three hundred eighty one were contacted in the museum in 90 groups. Forty

two visitors were given other informational and interpretive service.

Civil Service Examinations for Junior Professional Assistant and Junior Agricultural Assistant were given on December 6th. Schroeder made arrangements while on annual leave to take it in New York while Richert at Tuzigoot and Leding at the Castle took it in Prescott.

R. S. Leding
R. S. Leding
Acting Custodian.

ection 304
Reports
11 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Montezuma Castle National Monument
Name of Area

December
Month
1947
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	2
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	59	189	1 hour
ther			
Total	59	189	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Museum (not continuously attended)	30	381	10 min.
Orientation (connected with conducted tour but information received by those not making tour)	30	42	10 min.
(Give Name or Type) Total	60	423	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Sycamore Trail (self guiding nature trail)	30	No record	20 min.
Montezuma Well Trail (self guiding with leaflet)	30	no record*	30 min.
(Give Name or Type) Total	60		

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries	4		
ther			

612
Total Receiving Interp. Serv.
580
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

6 page booklets	
opular Studies	
ource Books	

NAME _____
TITLE Acting Custodian

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

* Ranger at Montezuma Well absent for the month on annual leave. No accurate count possible.

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FILL OUT ONLY THOSE BLOCKS THAT APPLY

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120005

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Natural Bridges National Monument
Name of Area

December
Month
1947
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent			
Temporary	No personnel on duty		

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

0
Total Receiving Interp. Serv.

0
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME Russell L. Nelson

TITLE Acting Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Approach road closed due to snow.

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120905
1946

NAVAJO NATIONAL MONUMENT
TONALEA, ARIZONA

Dec. 25, 1947

MEMORANDUM for the Director, Region Three

There follows a monthly report of activities in this area for the month of December 1947.

WEATHER: Five inches of snow fell on the 2nd, two inches of snow fell on the 9th. Nights have been cold, 6 degrees on the 9th and 11th. Days have warmed to a maximum of 47 degrees on the 19th. In shaded areas the snow stands at 5 inches in depth.

VISITORS: Three parties reached this area totaling six people. Two were bona fide visitors from California who were guided to Betatakin on Christmas Eve by the Custodian.

N.P.S. VISITORS: Mr. and Mrs. Joe Bean of Wupatki on the 19th.

OTHER AGENCY VISITORS: Mr. John Stewart and Mr. Doug. Harrington of USIS on the 17th. Mr. Stewart is in charge of a cooperative (USIS-AAA) project in Klethla Valley. Mr. Harrington is the newly appointed District Supervisor for District #2 with residence in Shonto.

ROADS: The drainage which has given us so much trouble on our approach Road in Klethla Valley is being dammed. The small existing dam is being greatly enlarged at present. They also propose to elevate our road across the Valley same then to serve as a long check dam. These projects are USIS and AAA. These agencies also constructed an air strip in Klethla Valley, less than 50 feet from our approach road. All roads are passable in this area.

PROGRESS REPORT: The 950 gallon hot-water tank was converted to use as an underground gas tank. All fittings were obtained and installed. The tank was given a second impervious coating(the fittings got three coats)and buried underground. A concrete base and platform were poured for the pump. This is curing now under a two foot pile of manure to prevent freezing.
A light drill-press was purchased as a Christmas gift to this National Monument. Using the drill press as a router we are completely overhauling our road signs. One new replacement has been routed and one is layed out. Much sign work remains to be done.

[illegible]

[illegible]

[illegible]

NAVAJO NATIONAL MONUMENT
TONALEA, ARIZONA

EQUIPMENT: On December 19th Joe and Mrs. Bean of Wupatki National Monument hauled out the 5 KW D.C. plant from Walnut Canyon National Monument and returned to Wupatki with one new, crated, 3KW Onan. It is hoped that by installing a radiator on the 5 KW LeRoi plant we will have an excellent standby power plant for our water supply system.

3 days were spent on the Annual Inventory of Equipment and the Report of Forest Protection and Building Fire Equipment.

GENERAL: Too much has already been spoken and written about the Starving Navajos. In this area there seems to be only resentment. Their expressed opinion in this locality is that they are better off this year than any previous year. Max Littlesalt stopped in with his family to have lunch here--they were returning from an annual Christmas party at which truck loads of charity clothing are distributed. I asked Max what he was going to do with the clothes. (Often the clothing is worn out or of a type unsuitable for Navajo use. I once saw a white formal gown given to a squaw at one of these functions. Open toed, high heel shoes are not uncommon). Max said he guessed he could use the clothes to make a scarecrow in his cornfield. Well I guess some good comes from these campaigns even if it is only to reduce the fire hazards in the attics of the donors. This, Christmas night, is not the time, nor this the place to tell you what we think of the mass hysteria over the 'starving Navajos'.

The following reports are enclosed and checked for distribution. The copies for the Washington office are enclosed to economize on frank mailings.

Monthly Report of Travel
Monthly Statistical Report of Interpretative Services.
Quarterly Report of Free Publications.
Quarterly Report of Penalty Mailings.
Monthly Report of Penalty Mailings.
The Annual Report of Inventories and The Forest Protection and Building Fire Equipment Reports were forwarded Dec. 4, 1947.

J.W. Brewer, jr.,
Custodian

[illegible]: On December 10th, 19[illegible] and are [illegible] of Dupont National [illegible] Bank and the 6 to 1 [illegible] plant from Cairo Fairmont [illegible] and returned to Dupont with me now, [illegible]. [illegible] it is hoped that by installing a radiator on the 6 to 1 [illegible] plant we will have an excellent standby power plant for our water supply system.

[illegible]: 3 days were spent on the annual inventory of Equipment and the Bureau of Forest Protection and Building [illegible] Fire Equipment.

[illegible]: The men [illegible] already been spoken and written about the starting lawsuit. In this area there seems to be only resentment. Their expressed opinion is this locality is that they are better off this year than any previous year. The [illegible] adopted in with the family to have lunch here--they were returning from an annual Christmas party at which [illegible] of charity clothing are distributed. I noted that what he was going to do with the clothes. (Often the clothing is worn out or of a type unsuitable for Navajo use. I guess may a white friend [illegible] gives to a negro at one of these functions. Open food, [illegible] are not necessary. Gas will be rationed in such as the clothes to warm a customer in the country. Well I guess some good came from those suggestions even if it is only to reduce the fire hazards in the attic of the theatre. Ship, [illegible] night, is not the time, nor this place to tell you what we think of the many hysteria over the 'starving Navajo'.

The following reports are enclosed and covered for distribution. The copies for the Hamilton office are marked to accompany on first mailings.

monthly Report of Travel
Monthly Statistical Report of Interpretative Services.
Quarterly Report of Tree Infestations.
Quarterly Report of Penalty Mailings.
Monthly Report of Penalty Mailings.
The Annual Report of Interpretive and Tree Insect Protection and Mailing Fire Equipments reports were forwarded Dec. 6, 1941.

[illegible]
Inspector

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

NAVAJO NATIONAL MONUMENT
Name of Area

DECEMBER
Month

1947
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary			1 Intermittent Laborer

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes SAND TRAIL	1	2	1/4
Ruins or Hist. House BETATAKIN	1	2	5
Other			
Total	2	4	

TALKS	NO.		
Campfire			
Motel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	4		
Other			

2
Total Receiving Interp. Serv.

6
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	
Popular Studies	
Source Books	

NAME _____

TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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FILL OUT ONLY THOSE BLOCKS THAT APPLY

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120905

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Organ Pipe Cactus NATIONAL MONUMENT

Box 38, Ajo, Arizona,

December 25, 19 47

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities for Organ Pipe Cactus National Monument for the month of December, 1947.

WEATHER

Five rains fell during the first ten days of the month totalling 1.71 inches. Temperature varied this month with heavy north winds bringing in a low of 25 degrees on the tenth. Maximum temperature reached was 74 degrees on the first.

TRAVEL

Travel was normal this month with 7,976 visitors through the area. Contact time was limited to 15 man days due to pressing field duties.

GENERAL

The Soil and Moisture Fencing Project on the southern boundary was completed on the 26th. 7.4 miles was constructed starting where last years job halted and running west to join the west boundary fence. A small gap west of Dowling Well was also breached.

Work continued on the Ranger quarters throughout the month.

The Custodian spent two days in Phoenix procuring supplies and a new motor for the water system.

WILDLIFE

The Fish and Wildlife Service on the adjoining Cabeza-Prieta Refuge reports on the success of their predator-control program for preserving the big horn sheep. They have been shooting and trapping for some time and their latest sheep survey shows a favorable increase according to Mr. Arthur Halloran, Manager of the Reserve.

Reports from local sportsmen are that more deer were taken in the Ajo vicinity this hunting season than ever before in the past ten years. We like to feel that our conservation policy is largely responsible for this condition.

OTHER GOVERNMENT AGENCIES

A representative of the International Boundary Commission made a preliminary survey of the line between the monument's southwest corner and Papago Wells, and reported their plans to construct some 15 or 20 miles of fence. They would join the monument fence and continue west sealing off many if not

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

all of the canyons and passes that permit drift stock entrance to the Growler valley.

MAILINGS

To aid the mailing situation arrangements have been made with the Ajo Chamber of Commerce to mail out monument literature in answer to written requests received.

PUBLICATIONS ON HAND

Informational 2 fold pamphlets, English version - 11,950.
Spanish version - 3,400.

PROJECTS FOR THE COMING MONTH

Visitor contact, rehabilitation of the water system.

William R. Supernaugh,
Custodian.

DEC 30 1947

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120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

ORGAN PIPE CACTUS NATIONAL MONUMENT
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	0	1	1
Temporary	0	0	0

DECEMBER
Month
1947
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other Accompany patrol	1	4	6
Total	1	4	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Headquarters	15	97	1/2
(Give Name or Type) Total	15	97	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

97
Total Receiving Interp. Serv.
7,976
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME William R. Supernaugh,
TITLE Custodian.

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Personnel on field work.

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DEC 30 1947

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Saguaro National Monument
Tucson, Arizona

December 27, 1947.

MEMORANDUM for the Regional Director,
Region Three.

There follows the monthly NARRATIVE REPORT of activities at Saguaro National Monument for the month of December, 1947.

WEATHER. Precipitation (rain) on November 30, December 1, 2, and 5, totaled less than one inch, raised our 11-months total to only a little over 5 inches. Record cold nights for December occurred on December 9 to 12, inclusive, when daily minimums were between 24 and 28 degrees. Since the 6th, days have been warm and sunny, with a maximum temperature for the month of 79 degrees on December 19.

SPECIAL ACTIVITIES. December 1 - 3, Ranger Wilde accompanied Regional Director Tillotson on a trip to Organ Pipe and Casa Grande. December 4 and 5 the Custodian and Laborer-Leadman Stansberry made a trip to Tonto Nationa Monument to pick up the 1000-barrel tank which was transferred to Saguaro. Maintenanceman Barney was at Casa Grande overnight on the 4th, getting a new front end installed in the Chevrolet pickup.

INSPECTIONS. Regional Director Tillotson made an inspection of portions of the boundaries on November 30. Mr. Ben H. Thompson, Lands Division, was here on December 22, to investigate developments on private lands within the monument.

MAINTENANCE. Most of the work of the 4-5 man crew during the month was on improvement of the 1.3 miles of road between the south boundary and Madrona Ranger Station. While still no boulevard, removal of most of the rocks, and several fills have improved this road a great deal. The two large (1000-barrel) sectional tanks were partially assembled, one at Headquarters, the other at Madrona R.S. A temporary electric fence was erected around the Madrona Canyon area, and the electric unit transferred from Bandelier installed to keep the X-9 cattle from eating all articles of cloth in the vicinity, and to cut down pollution of the creek from which our water is pumped. Ten man-days were spent in installing new water drainage structures at the beginning of the Grass Shack trail. Our horse-trailer, dump-body truck, water pump and engine, and the Chevrolet pickup were taken to Casa Grande for repair. The Loop road is beginning to need maintenance, but this will have to be postponed until arrival of the expected Allis-Chalmers patrol blade.

APPROACH ROADS. The road in from Vail Junction and Highway 80 is in fair condition, since blading by the County late in November. The Broadway approach road is just plain terrible. We are seriously considering a change in routing of visitors via 22nd street, since it is

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

doubtful if this road will ever again be maintained by the County, and the "Rincon Village" incorporation does not seem to be able to find any funds for road maintenance. However, if we attempt to bring visitors out by way of 22nd Street, any flooding of Pantano wash would close the road. This whole situation is becoming serious, and the roughness of the road is felt to be primarily responsible for our decrease in travel.

TRAVEL AND INTERPRETIVE SERVICES. Visitors to Saguaro totaled 1575 during the month; this is a decrease of 45 persons from the November total, at a time when we have always before had a decided increase. These visitors arrived in 528 cars, and represented 38 states, D.C., Canada, and Switzerland.

Of this number, 453 persons, in 163 parties, stopped at the Headquarters for information; this is a large increase in percentage of persons stopping as compared to total travel. A total of 2558 minutes, or 15.7 minutes per party, was spent in contact work. This average time spent by visitors is also an increase, which is usual during the winter.

PERSONNEL. Mr. William E. Phibbs entered on duty as Laborer November 28; Messrs. Ernest F. Johnson and Robert W. Nivison entered on duty as Laborers on December 1. Mr. Johnson was terminated at his request on December 16. Temporary Ranger Lawrence W. Wilde was appointed to the permanent position, pending establishment of a Civil Service register, effective November 30.

VISITORS. Custodian Homer Hastings, of Montezuma Castle, and his family were in for a trip through the cactus area on December 22.

Dr. and Mrs. Roy Chapman Andrews visited the monument on the 24th. They are spending the winter at a guest ranch near the north boundary.

ACCIDENTS. On December 25, the Chevrolet pickup truck, USDI #I-13824, was involved in an accident. Damage has been estimated at $79.00. A separate report has been mailed to your office.

WILDLIFE. Positive evidence of the presence of two Timber Wolves (Canis sp. - probably rufus) on the monument has been coming in for over a month. Early in December on of the pair was found run over by a car near the X-9 ranch, and the other has been reported by several persons. The Custodian finally shot this animal three miles south of our south boundary, but the wounded animal escaped, and has since been reported again in the same vicinity.

Ranger Wilde observed a herd of 20 Javelines along the Loop Road; ten adults, and ten young, estimated at not over three months of age. From all indications the species is still increasing within the area.

PUBLIC HEALTH. Water supply samples from Madrona Creek again were reported unsafe for use. This makes 11 of the past 12 months reports which have been returned as unfit for human use.

Don W. Egermayer
Custodian.

RECEIVED
DEC 30 1947

Dan E. Sweeney
Custodian.

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Reports
11 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Saguaro National Monument - Arizona.
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		2	
Temporary			

December
Month
1947
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Monument Headquarters (Front Porch).	29	453 persons, in 163 parties.	2558 min. tot. 15.7 min. avg.
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

453
Total Receiving Interp. Serv.
1575
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
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Source Books

NAME Don W. Egermayer
TITLE Custodian.

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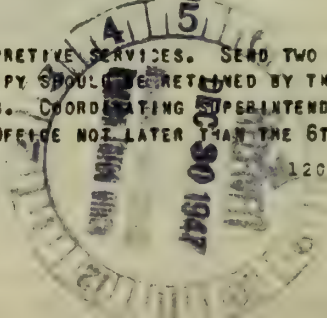
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120905

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Sunset Crater NATIONAL MONUMENT

Flagstaff, Arizona

December 27, 19 47

MEMORANDUM for the Regional Director, Region Three.

There follows a report of the activities of Sunset Crater National Monument for the month of December, 1947.

Visitors this month: 130 Travel Year to date: 2910

Travel: Snow and rough roads took a heavy toll on travel for the past month. According to the register visitors were present for only 13 days of the month. Actual registration indicates a decrease of 76 % for the same period last year, with only 52 people signing the register compared to 217 a year ago. Periodic snows kept the roads closed for the greater portion of the time.

Weather: Frequent snows with drifting conditions during the first half of December were the rule. Freezing temperatures each night have not allowed for much melting of ice and snow except in the more open and exposed areas.

Road: The approach and entrance road is very rough with an increasing amount of corduroy. Freezing of the cinder precludes any possibility of road work. At such time as weather permits an attempt will be made to make some badly needed repair. The shelf road at the base of the crater has been blocked with snow most of the month, so that little if any traffic has passed through to the Wupatki back road.

General: Brief inspection trips were made on three occasions during the month. In general the area was clean with no apparent signs of vandalism. At the time of one visit, five cars were parked near the base of the crater, all occupants but one evidently climbing up or descending from the summit.

DEC 30 1947

Robert F. Upton
Ranger-in-Charge

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE



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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Sunset Crater National Monument
Name of Area

December
Month
1947
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent			1
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther			
Total			

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Trailside Signs	**31**	**52**	**5 Min.**
(Give Name or Type) Total	**31**	**52**	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
plies to Inquiries			
ther			

52
Total Receiving Interp. Serv.
130
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

page booklets	
opular Studies	
ource Books	

NAME **Robert F. Upton**
TITLE **Ranger-in-Charge**

EMARKS: (Please note below any factors influencing interpretive service, such as: useum closed for repairs", "closed for season", "naturalist on sick leave", etc.

No personnel in attendance during the month of December.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
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CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

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THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

DEC 12

120905

Tonto National Monument
Roosevelt, Arizona

December 27, 1947

MEMORANDUM for the Regional Director, Region Three.

Following is a report of activities at Tonto National Monument for the month of December, 1947.

Weather. December has had typical southern Arizona winter weather with cool and often freezing nights, and bright, warm days. Diurnal temperature variation is pronounced at this time, often breaching 40 degrees.

Approaches to Monument. The Apache Trail continues in fairly good condition. The Pine-Payson road is reported to be good at present. A trip over the Tonto Hills by Ab Sanders, State grader operator, has that road in good shape.

Visitors. This month we had the pleasure of visits from Custodian Spermayer and Archer Stansberry from Saguaro, Custodian Hastings and family of Montezuma, and Carl Hafziger and family on behalf of Aupatki.

Trails. As the trail laborer depends on the local school bus for transportation to and from Tonto, it was necessary for him to take a 2-week holiday along with the school here.

Ranger Service. On November 24 Joe Hendricks of Gunnison, Colorado, began his duties as Ranger-archeologist on an emergency appointment, filling the position left vacant by resignation of Malcolm Hull. We received notice on December 23 that a temporary appointment was approved, so are ready for the heavy travel of the next three months.

Interpretive Service. Of 966 visitors to Tonto, 491 visited the cliff dwelling in 150 parties, and there were 803 museum visitors in 239 groups.

Travel. Travel for December showed a slight increase over November, but was only 966 compared to 1375 for December 1946.

General. The trail to Lower Tonto has been partly resurfaced. Custodian Spermayer and Frank Stansberry hauled the water tank to Saguaro. The light plant was connected to the custodian's house by overhead line. The area has been cleaned up so it looks more like a National Monument. The custodian made a trip to Globe with the pickup for gasoline, and several with his personal car for propane and other supplies. The visitors take up most of our time, and will for the next few months.

Charles S. Ahrp, Custodian

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETERS
SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL U.S. AREAS.

FILL OUT ONLY FOR A SINGLE TOUR GROUP

EXPLANATION OF ITEMS USED

"ACCOMPANIED" PERSONAL AND NATIONALITY OR RACIAL DESCRIPTIVE, ADDRESSING, OR REFERRING WORDS
"ADMINISTRATIVE" AND CONTINUOUS, WITH [illegible] CONCERNED WITH ADMINISTRATIVE,
"STAFF" AND CONTACT, VISITOR PERSONNEL, AND THE [illegible] OF VISITOR IN HELP INFORMAT THE AREA.

[illegible] AT U.S. PERSONS, IN THE FIELD OF [illegible] SERVICES,
OF OTHER PURPOSES OF THE AREA.

[illegible] WHICHEVER TAKES WITHIN SERVICE, WHILE PERFORMED [illegible] OF SERVICE RENDERED OR IN ACTUAL
RENDERING SUCH SERVICE PERFORMED, BUT NO LONGER THAN [illegible] OF THE [illegible]
[illegible] PERIOD.

[illegible] [illegible] ROOM, [illegible] ROOM, [illegible] OF VISITOR [illegible] ROOM, [illegible] ROOM,
OR OFFICE DESIGNING [illegible] WHERE THIS [illegible] SHALL CUT AT [illegible] OF [illegible]
[illegible] SERVICES.

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

Section 30
Reports
11 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Tonto National Monument
Name of Area

December
Month

1947
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	1	1	
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins ~~or Hist. House~~	150	491	50 min ea. 7680 total
Other			
Total	150		

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Hdq office & museum	30	603	15 min ea. 3445 total
(Give Name or Type) Total	30		

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

1294
Total Receiving Interp. Serv.

968
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME Charles C. Sharp

TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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120905

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
TUMACACORI NATIONAL MONUMENT
Tumacacori
BOX 2225, TUCSON, ARIZONA

Tumacacori, Arizona

December 27, 1947

MEMORANDUM for the Regional Director,
Region Three.

Follows the monthly narrative report for Tumacacori National Monument for the month of December, 1947:

Weather Conditions: Very dry, with only .32 inch of precipitation. Temperatures ranged from a high of 80 on the 27th and 30th of November to a low of 16 on December 12.

Maintenance: Routine was kept current, and numerous minor repairs made on buildings and equipment. A cold frame (two windows long) was made and installed in the shop yard, for the purpose of forcing flowering plants a little ahead of their normal growing schedule. This should give spring beauty to the patio garden a little earlier than usual.

Interpretive Service: 1158 visitors went on 198 guided trips through the mission and grounds, receiving an average of 34.82 minutes per trip. 2179 visitors saw the museum. 2204 persons received combined Information and Interpretation Service.

Increase or Decrease in Travel: Our visitor total of 2245 persons for this month sets a new December travel record for Tumacacori. Highest previous December travel was 2075 for the year 1946. Part of this increase may be accounted for by the fact that a seasonal ranger has been on duty for half the month, during which period it has been possible to get a more accurate record of information seeking museum visitors than before. Actually, fewer visitors went through the mission church on guided trips than did in December of 1946. Part of the increase is undoubtedly genuine reflection of increased travel.

Visitors: December 22 - Custodian and Mrs. Homer Hastings and family, of Montezuma Castle National Monument, arrived to be house guests for several days and learn the advantages of the superior Southern Arizona climate.

Inspections: November 28 - Regional Director Tillotson was in for a half day, part of which time was spent on front line duty helping handle the visitor crowds. He did good work. It was suggested that he submit Forms 57 in duplicate, plus 86, 1-172, 61, et cetera, etc.

November 28 - Chief Clerk Castellum was in to audit the books and check and advise in regard to the theft sustained last month.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

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DEC 31

Museum and Education: A new exhibit was installed in the museum. It occupies an entire small case, and consists of a large photograph of the famous Pete Kitchen, a 45-90 Sharps Rifle he owned, and explanatory captions. Kitchen ranched 14 miles south of Tumacacori during the 1870's, and had many battles with the Apaches. His story is definitely a part of the struggle to establish American civilization of today.

Personnel: Ranger Brewer spent one day on annual leave.
Seasonal Ranger Charles B. Conrad entered on duty December 11.
Custodian Jackson took 18 hours of sick leave.

Community Activity: The Red Cross Standard First Aid Course, which has been being conducted each Wednesday night in the museum lobby, was finished on December 17, with 12 persons qualifying for certificates, including Ranger Brewer, and the custodian and his wife.

The second annual community Christmas ceremony was enacted in front of the mission church. A Santa Claus gave away Christmas stockings to neighborhood children, and coffee and doughnuts to the adults. Costs were met by various adults of the community. Mindful of criticism I received for allowing the ceremony last year, I enjoined all concerned to keep the affair strictly local, with no news or radio publicity. The affair was well attended by children, with a sprinkling of adults. As a community activity it served its purpose very efficiently, and no harm was done to the monument area. This second ceremony was allowed by permission granted from your office.

The year closed with affairs humming at Tumacacori, and the mission building in the best shape the Park Service has ever seen it.

Earl Jackson

Earl Jackson,
Custodian.

Museum and Education: A new exhibit was installed in the museum. It consists as usual of a small case, and consists of a large photograph of the famous Pete Kitchen, a 45-50 Sharps rifle he owned, and explanatory captions. Kitchen rounded 14 miles south of Tucson during the 1870's, and had many battles with the Apaches. His story is definitely a part of the struggle to establish American civilization at Tubac.

Personnel: Ranger Drewry spent one day on annual leave.
Seasonal Ranger Charles E. Conrad entered on duty December 11.
Custodian Pendleton took 12 hours of sick leave.

Community Activity: The Red Cross Standard First Aid Course, which has been being conducted each Tuesday night in the museum lobby, was finished on December 17, with 18 persons qualifying for certificates, including Ranger Brewer, and the custodian and his wife.

The second annual community Christmas ceremony was enacted in front of the mission church. A Santa Claus gave each Christmas stockings to underprivileged children, and candles and decorations by the adobe. Carols were met by various adults of the community. Medical officials received fan mail stating the ceremony last year. I enjoined all concerned to keep the affair strictly local, with no news or radio publicity. The affair was well attended by children, with a sprinkling of adults. As a community activity it served its purpose very efficiently, and no harm was done to the museum area. Tile second driveway was planned by permission granted from your office.

The year closed with efforts humming at Tumacacori, and the historic building in the best shape the Park Service has ever seen it.

Earl Jackson,
Custodian.

RECEIVED
DEC 31 1947

ction 304
Reports
1 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Tumacacori
Name of Area

December
1947 Month
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	1
emporary			1

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	198	1158	34.82 mins.
ther			
Total	198	1158	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total	0	0	

ATTENDED INTERPRETIVE STATIONS	DAYS		
Combined information and interpretation service at registry desk or in museum. All visitors save runarounds get this service.	30	2204	5 minutes average
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Museum, self-guiding	30	2179	10 mins.*
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts	0		
alks	0		
isplays and Exhibits	0		
eplies to Inquiries	0		
ther	0		

5,541
Total Receiving Interp. Serv.
2,245
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

6 page booklets	none
opular Studies	"
ource Books	"

NAME Earl Boynton
TITLE Custodian

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

* Estimate.
* Total number of visitors to area includes 41 run-arounds.

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RECEIVED
1947

120905

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

~~TUZIGOOT~~ NATIONAL MONUMENT

~~CLARKDALE, ARIZONA~~

DECEMBER 26, 1947.

MEMORANDUM for the Regional Director, Region Three.

Following is the monthly narrative report for Tuzigoot National Monument for December, 1947.

Travel Data: Arizona's warm Verde Valley apparently appealed to northern travelers this month. 659 visitors, in 205 cars, and nearly all from the extreme north and northeastern states saw this ancient city. With the exception of 2 or 3 days December has been a very pleasant month.

Guide and Contact Service. Museum, ruins and orientation contacts totaled 1734 for the month. 531 people in 153 parties were shown the museum, and 523 people in 149 parties were conducted through the ruins. Ranger Richert is now on Annual Leave. Interpretive service is not interrupted as the Monument is kept open to the public on the Custodian's lieu days.

Personnel Time. Museum: 60 hours, 25 minutes. Ruins: 53 hours, 15 minutes. Total time for Bright: 65 hours, 25 minutes. For Richert 48 hours, 15 minutes.

Maintenance and Administration. Ranger Richert has taken a month's Annual Leave. He and Mrs. Richert are visiting friends and relatives in Kansas. Through his untiring efforts, Rick managed to keep the Monument open to the public for interpretive service all seven days of the week, during the long period prior to the Custodian's arrival at Tuzigoot. This is a well-earned vacation for Rick.

During the month it was necessary to dig up and clean out a large section of the sewer line leading from the mens rest room, which is located in the rear of the garage building. This section of tile had become completely closed due to root growth. This unit is now operating satisfactory. No other needed maintenance work was done due to heavy interpretive service.

N.P.S. Visitors. Dale King, Custodian Paul Beaubien and Al Whiting on November 27.

Publications. 8950 Tuzigoot Two-fold leaflets and 500 mimeo informational sheets on hand. No oth free or for sale publications on hand at this Mon.

Everett W. Bright

Everett W. Bright,
Custodian.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

NATIONAL MONUMENT

ection 304
Reports
11 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

TUZIGOOT NATIONAL MONUMENT
Name of Area

DECEMBER
Month
1947
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent	ONE	ONE	
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	149	523	21.5 mins
ther			
Total			

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)	155	531	24.5 mins
rientation (Not connected with conducted trip)	184	680	4 mins
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
lks			
splays and Exhibits			
plies to Inquiries			
ther			

1734
Total Receiving Interp. Serv.

650
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

page booklets	
opular Studies	
ource Books	

NAME Everett W. Bright

TITLE Everett W. Bright, Custodian.

EMARKS: (Please note below any factors influencing interpretive service, such as: Museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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FILL OUT ONLY THOSE BLOCKS THAT APPLY

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COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

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DEC 30 1947

120905

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Walnut Canyon NATIONAL MONUMENT
Flagstaff, Arizona.

December 26, 1947

19

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities in Walnut Canyon National Monument for December, 1947:

Weather. Many stormy days with some snow now and then. Nine below was the lowest temperature.

Visitors. Of the 242 total, 198 were contacted, and it is estimated that 75 made the ruins trip unattended.

Activities. Several days of Annual Leave and some Sick Leave by both the Custodian and Ranger, plus two Holidays, slowed progress of the activities other than routine.

A large air compressor(shipping weight, 6,900 lbs) was received from W.A.A. and moved to the monument. The valve springs broke on the 3 KW light plant. These were replaced with new springs, the radiator was taken to Flagstaff for repairs, and the valves ground.

Paul L. Beaubien
Custodian

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

DEC 20 1947

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Walnut Canyon National Monument
Name of Area

December
Month
1947
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		One(part-time)	One(part-time)
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Overlook at Administration Building	**25**	**198**	**1/3 hr**
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

198
Total Receiving Interp. Serv.
242
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME **Paul L. Beaubien**

TITLE **Custodian**

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

About 75 made the ruins trip unattended.

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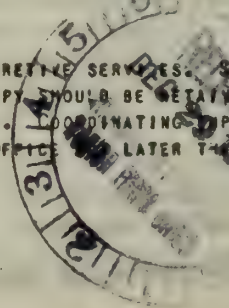
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120905

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

WHITE SANDS NATIONAL
ALAMOGORDO, NEW

December 22, 47

MEMORANDUM for the Regional Director, Region Three.

DECEMBER - 1947	TRAVEL YEAR TO DATE
Visitors 4086 Cars 1170	Visitors 14987 Cars 4207

Weather conditions have been quite pleasant during this report period. Temperatures have ranged from a low of 7° to high of 67°. Over .40 inches of rain on the 3rd forced us to close the road for a day, and two storms in the mountains virtually stalled all traffic for three days.

Visitation, while under last December, has been steady enough to keep one busy on the checking station through the week with two needed on Sundays. Nightly temperatures of 7° to 12° are more than our two oil stoves can handle and the museum is quite cold early in the forenoon. By noon it is usually comfortable again and visitors go through leisurely. More and more are asking semi-technical questions about the Sands and the Tularosa Basin.

After attempting to find a new underground water storage tank with no success the old one was taken to Alamogordo for cleaning and repair, and is now back in service. After long delay a local firm undertook the the cleaning and repairing of the 1,000 gallon truck tank obtained from the Army last year. It has been treated and is now installed on the Ford truck. The additional capacity of this tank cuts mileage on the water haul in half and will represent a sustantial savings in operation costs. It has been necessary to have some work done on the diesel this past week. We should have it back in running order in a day or so.

Cooperation with the White Sands Proving Ground turned into a good headache December 1. A Navy search party tried to enter the Monument for a concentrated search east of U. S. 70. After some discussion they decided against it. On December 8 a V-2 rocket landed four and one-half miles west of the loop drive. The Army, after the missile had been definitely located by planes, requested entrance which was granted. This group was very cooperative and little damage was done the area. Both these incidents have been reported in some detail previously.

Service visitors included Sam and Mrs. Hendricks, Henry Schmidt and family enroute home to Sequoia, and Mr. and Mrs. Bill Bowen from Gran Quivera. Mrs. Way, whose husband was one of the early men at Grand Canyon and Rocky Mountain and a personal friend of Mr. Mather, was in.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Very little maintenance work has been done. Harold returned to duty the day after Johnwill went on leave which still leaves us one man short as far as repair or maintenance is concerned. Operator Shepperd took full advantage of the rain to get the clay portion of our road into good condition again.

We have been advised by the El Paso Chamber of Commerce that very probably the Across America Travel Service will bring a group through the White Sands early in February. More definite information should be received in the next several days. A request for data on the "White Sands Play Day" has been received from Holiday magazine for inclusion in their calender of events. This requestwas referred to the Play Day Committee of the Alamogordo C. of C.

Paul M. Steel,
Acting Custodian

in triplicate

Arizona Archaeological Library

DEC 29 1947

ection 304
Reports
11 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

WHITE SANDS NATIONAL MONUMENT
Name of Area

DECEMBER
Month
1947
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	2
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
MUSEUM	30	2250	
(Give Name or Type) Total	30	2250	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	5		
Other			

2250
Total Receiving Interp. Serv.

4068
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	
Popular Studies	
Source Books	

NAME _____

TITLE ~~Park Ranger~~

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

~~4 inquiries answered postage paid; 1 referred to Alamogordo Chamber of Commerce~~

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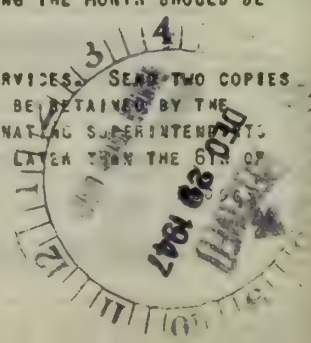
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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Wupatki NATIONAL MONUMENT

Flagstaff, Arizona

December 27, 1947

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities at Wupatki National Monument for the month of December, 1947.

Visitors this month: 115 Travel Year to date: 688

Weather: With the exception of a few days, exceedingly mild winter weather has characterized the month. Temperatures were below freezing every night but the days were quite warm with generally clear and sunny skies. One half inch of rain was the only precipitation recorded.

Roads: The entrance road has been open the entire month. For the most part the back road from Sunset has been closed by snow so that few visitors have attempted that approach.

Travel: Calculated from the registration at both the Citadel and at Wupatki Ruin, the travel for the month is the same as that recorded for December of last year. Although the road is in only fair condition, the continued nice weather accompanied by sunny skies no doubt has helped to induce the occasional visitor to make the trip in this far.

Christmas Party: A Christmas Party for the Navajos was held at Black Falls Trading Post. This was well attended by more than 150 Navajos from this general vicinity. Presents consisted of clothing, food and toys for the children. Primary sponsors were the Kellams of the Black Falls Trading Post, Mrs. A. F. Brandis of Flagstaff and Mr. and Mrs. R. J. Fleming of Santa Barbara, California who arrived with many contributions from that community. NPS personnel assisted on their own time. A most successful and pleasant time was experienced by all.

Cooperating Non-Government Agencies: The Movie, Red Ruins and Black Cinder, made another progressive step with the return of the Flemings for the Christmas Holidays. Artifacts at the Museum of Northern Arizona were filmed. The remaining field shots are those of visitors at the Wupatki Ruin. Rex and Maddy combined this photo jaunt with the distribution of contributions to the Navajo.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

NATIONAL MONUMENT

Spring Flow: An increased water supply is evidenced by the reading of the Wupatki Spring which is 10% above that of last year, measuring 621 gallons for a 24 hour period. On the other hand Heiser Spring is producing less than 50% of last years flow for the same period, only 1309 gallons for 24 hours. This loss is quite definitely due to leaks in the intake line.

General: The installation and winterization of the tent house was completed. The ailing refrigerators were repaired and are now in good running order. All fire equipment was completely reconditioned and additional tools added that were obtained through transfer from Grand Canyon surplus. Maintenanceman Bean made a trip to Navajo National Monument with a light plant. The 1940 Chev. Navajo pickup was received to replace I-13869. To place in running order it was necessary to expend $150 for a new rear axle and radiator.

Grazing: Contrary to its usual custom the CO Bar Company has not turned any cattle into the Deep Well area adjoining the Monument. They expect to bring the cattle in next month, so that grazing on the Monument will begin at that time.

Robert F. Upton
Ranger-in-Charge

DEC 08 1941

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411 and 420

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Wupatki National Monument
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	1
Temporary			

December
Month
1947
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	10	31	45 Min.
Other			
Total	10	31	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Kalakihu Exhibit	31	38	5 Min.
(Give Name or Type) Total	31	38	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

69
Total Receiving Interp. Serv.

115
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME David J. Jones

TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

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